NORTON ABRASIVES

OILSTONES & ABRASIVE SPECIALTIES

•

BEHR-MANNING
(DIVISION OF NORTON COMPANY)
TROY, N.Y.

NORTON ABRASIVES

OILSTONES & ABRASIVE SPECIALTIES

Catalog 18

1939

BEHR-MANNING

(DIVISION OF NORTON COMPANY)

TROY, N. Y.

BRANCH OFFICES AND WAREHOUSES

BOSTON	DETROIT	NEW YORK
BUFFALO	GRAND RAPIDS	PHILADELPHIA
CHICAGO	HIGH POINT	ST. LOUIS
CINCINNATI	INDIANAPOLIS	SAN FRANCISCO
CLEVELAND	LOS ANGELES	TACOMA

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No. 235	$2.35 ea.	Rubbing Brick with Handle	page 20
No. 273 (H, A & T)	4.20 dz.	Crystolon Knife Sharpener	page 14
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A1 Up	.....	General Purpose Wheels	18
A 273	.35 ea.	Crystolon Knife Sharpener	14
AGR 9, 12, 21	.....	Tool Grinder Wheels	26
AP 12	2.40 dz.	Arkansas Pocket Stone	15
AS 12 to 42	.50 ea.	Arkansas Carvers' Slips	10
AT 11	.30 "	Arkansas Point	10
17	.75 "	Arkansas Pencil	9
BF 24	.85 "	Rubbing Brick—Fluted	20
26	1.10 "	" " "	20
28	1.40 "	" " "	20
48	2.80 "	" " "	20
BP 6	.65 "	Rubbing Brick—Plain	20
14	.55 "	" " "	20
16	.70 "	" " "	20
18	.85 "	" " "	20
24	.85 "	" " "	20
26	1.10 "	" " "	20
28	1.40 "	" " "	20
34	1.10 "	" " "	20
36	1.50 "	" " "	20
38	1.90 "	" " "	20
46	2.15 "	" " "	20
48	2.80 "	" " "	20
BP 58	2.50 ea.	Rubbing Brick—Plain	20
78	4.90 "	" " "	20
BS 48	3.00 dz.	Sandstone, Large	12
910	10.20 "	" Small Table	12
CB 6	1.15 ea.	Coarse India Bench	2
7	1.25 "	" " "	2
8	1.50 "	" " "	2
14	.50 "	" " "	2
24	.55 "	" " "	2
CF 14	.40 "	Coarse India Square Files	3
24, 34, 44	.45 "	" " " "	3
36, 46	.60 "	" " " "	3
56, 66	.65 "	" " " "	3
76	.70 "	" " " "	3
114	.50 "	Coarse India Tria. Files	3
124, 134, 144	.55 "	" " " "	3
136, 146	.70 "	" " " "	3
156, 166	.75 "	" " " "	3
176	.80 "	" " " "	3
CF 214	.60 "	Coarse India Round Files	3
224, 234, 244	.65 "	" " " "	3
236, 246	.80 "	" " " "	3
256, 266	.85 "	" " " "	3
276	.90 "	" " " "	3

ALPHABETICAL INDEX — *Continued*

NUMBER	LIST	ITEM	PAGE
CF 314	.50 ea.	Coarse India Half Rounds	3
324, 334, 344	.55 "	" " " "	3
414 to 474	.75 "	Coarse India Silversmiths	4
544	.75 "	" " Taper Triangle	4
644	.75 "	" " " Round	4
723	.90 "	" " Point	4
724	.70 "	" " Knife Blade	4
CJB 6	1.15 "	Coarse Crystolon Bench	1
7	1.25 "	" " "	1
8	1.50 "	" " "	1
14	.50 "	" " "	1
24	.55 "	" " "	1
CJS 14	.50 "	Coarse Crystolon Slip	1
15 to 44	.65 "	" " "	1
54	.90 "	" " "	1
66	1.15 "	" " "	1
CPB 6	3.60 dz.	Corundum Bench Stone	12
7	4.20 "	" " "	12
8	4.80 "	" " "	12
24	2.40 "	" " "	12
CS 14	.50 ea.	Coarse India Slip	2
15 to 44	.65 "	" " "	2
54	.90 "	" " "	2
CT 10	.65 "	Coarse India Auger Bit	6
11	.15 "	" " Chuck Point	6
48	1.00 "	" " Last Makers'	5
76	1.10 "	" " Oval Plug	6
123	.50 "	" " Reamer Stone	5
124, 125	.55 "	" " " "	5
126	.75 "	" " " "	5
134	.90 "	" " Diamond	4
DB 58	4.20 dz.	Hindostan Stone	12
DT 12	.10 ea.	Hindostan Axe Stone	25
FB 6	1.15 "	Fine India Bench	2
7	1.25 "	" " "	2
8	1.50 "	" " "	2
14	.50 "	" " "	2
24	.55 "	" " "	2
26	.75 "	" " "	2
35	.85 "	" " "	2
36	.95 "	" " "	2
48	1.35 "	" " "	2
124	.70 "	" " "	2
FDB 8	4.20 dz.	Fastcut Stone	12
26	3.00 "	" "	12
FDT 13	.15 ea.	Fastcut Axe Stone	25
FF 14	.40 "	Fine India Square File	3
24, 34, 44	.45 "	" " " "	3
36, 46	.60 "	" " " "	3
56, 66	.65 "	" " " "	3
76	.70 "	" " " "	3
114	.50 "	Fine India Tria. File	3
124, 134, 144	.55 "	" " " "	3
136, 146	.70 "	" " " "	3
156, 166	.75 "	" " " "	3
176	.80 "	" " " "	3
214	.60 "	Fine India Round File	3
224, 234, 244	.65 "	" " " "	3
236, 246	.80 "	" " " "	3
256, 266	.85 "	" " " "	3
276	.90 "	" " " "	3
314	.50 "	" " Half Round	3
324, 334, 344	.55 "	" " " "	3
414 to 474	.75 "	" " Silversmiths	4
544	.75 "	" " Taper Triangle	4
644	.75 "	" " Taper Round	4
FF 723	.90 ea.	Fine India Point	4
724	.70 "	" " Knife Blade	4
FJB 6	1.15 "	Fine Crystolon Bench	1
7	1.25 "	" " "	1
8	1.50 "	" " "	1
14	.50 "	" " "	1
24	.55 "	" " "	1
26	.75 "	" " "	1
35	.85 "	" " "	1
36	.95 "	" " "	1
48	1.35 "	" " "	1
124	.70 "	" " "	1
FJS 14	.50 "	Fine Crystolon Slip	1
15 to 44	.65 "	" " "	1
54	.90 "	" " "	1
66	1.15 "	" " "	1
FS 14	.50 "	Fine India Slip	2
15 to 44	.65 "	" " "	2
54	.90 "	" " "	2
66	1.15 "	" " "	2
76	1.50 "	Fine India Gouge Slip	5
FT 11	.15 "	Fine India Chuck Point	6
48	1.00 "	" " Last Makers	5
76	1.10 "	" " Oval Plug	6
123	.50 "	" " Reamer Stone	5
124, 125	.55 "	" " " "	5
126	.75 "	" " " "	5
134	.90 "	" " Diamond	4
G	90.95 "	Wheel Assortment	19
GB	30.35 "	" "	19
GR 400, 401	.85 "	Wheels for Assortment	19
402, 403	1.05 "	" " "	19
404, 405	1.60 "	" " "	19
406, 407	1.75 "	" " "	19
408, 409	2.05 "	" " "	19
410, 411	2.35 "	" " "	19
412, 413	2.90 "	" " "	19
414, 415	3.30 "	" " "	19
416, 417	3.50 "	" " "	19
418, 419	4.00 "	" " "	19
62	2.85 "	Saw Gumming Wheel	20
63	3.10 "	" " "	20
64	3.35 "	" " "	20
82	3.90 "	" " "	20
83	4.35 "	" " "	20
84	4.75 "	" " "	20
102	5.30 "	" " "	20
103	5.95 "	" " "	20
104	6.60 "	" " "	20
105	7.20 "	" " "	20
106	7.80 "	" " "	20
122	6.95 "	" " "	20
123	7.85 "	" " "	20
124	8.75 "	" " "	20
125	9.60 "	" " "	20
126	10.45 "	" " "	20
H 273	.35 "	Crystolon Knife Sharpener	14
HB 3	2.50 "	Hard Arkansas Bench	8
4	3.50 "	" " "	8
5	5.00 "	" " "	8
6	6.00 "	" " "	8
7	7.00 "	" " "	8
8	8.00 "	" " "	8
13	.50 "	" " Pen Knife Piece	8
14	.70 "	" " " "	8
15	1.00 "	" " " " "	8
24	1.25 "	" " Jewelers Bench	8

ALPHABETICAL INDEX—*Continued*

NUMBER	LIST	ITEM	PAGE
HB 25	2.00 ea.	Hard Arkansas Jewelers Bench	8
26	2.75 "	" " " "	8
HF 3, 13, 23	.50 "	Hard Arkansas Square Files	9
33, 43	.70 "	" " " "	9
103, 113, 123	.50 "	" " Tria. Files	9
133, 143	.70 "	" " " "	9
813	.60 "	" " Round File	9
823	.45 "	" " Flat File	9
833	.50 "	" " Bevel File	9
843	.60 "	" " Diamond File	9
853	.60 "	" " Oval File	9
863	.60 "	" " Points	9
873	.60 "	" " Knife Blade	9
HIB 27	6.50 "	Reversible Oilstone	6
HM 3	1.00 "	Hard Arkansas Mounted	8
4	2.75 "	" " "	8
5	3.50 "	" " "	8
6	4.25 "	" " "	8
7	5.00 "	" " "	8
8	5.75 "	" " "	8
HS 3	1.00 "	" " Slip Reg.	9
4	1.50 "	" " " "	9
5	2.00 "	" " " "	9
13	.65 "	" " " Small	9
14	1.00 "	" " " "	9
15	1.25 "	" " " "	9
IB 6	1.25 "	India Combination	2
7	1.50 "	" "	2
8	1.75 "	" "	2
45	1.00 "	" "	2
64	1.25 "	" "	2
134	.85 "	" "	2
IC 2	3.00 dz.	Breaker Point Stone	14
IE 2 to 254	.....	India Jointer Stones	7
IM 211	12.00 ea.	Multi-Oilstone—2 stone	13
313	16.00 "	" " 3 stone	13
9	2.10 "	Replacement for above	13
IT 17	.65 "	India Pencil	5
JB 6	1.25 "	Crystolon Combination	1
7	1.50 "	" "	1
8	1.75 "	" "	1
45	1.00 "	" "	1
64	1.25 "	" "	1
134	.85 "	" "	1
74	2.00 "	" Knife Stone	16
JD 2	12.00 dz.	" Utility File	16
JE 2 to 254	.....	" Jointer Stones	7
JIM 11	6.00 ea.	Crystolon-India Giant	13
2	3.00 "	Above without metal box	13
JM 3	2.10 "	Coarse Crystolon	13
6	2.10 "	Medium Crystolon	13
JP 13	2.40 dz.	Crystolon Pocket Stone	15
JT 3	.60 ea.	" Round Axe	25
6	6.00 dz.	" Handy Sharpener	17
12	.35 ea.	" Rect. Axe	25
13	.45 "	" " "	25
16	5.40 dz.	" Blacksmiths	16
26	6.00 "	" Bread Slicing	16
246	.55 ea.	" Dresser Stick	16
910	5.40 dz.	" Shoemakers	17
920	6.00 "	" "	17
930	12.00 "	" "	17
911	3.60 "	" General Purpose	16
JUM 22	6.00 ea.	Crystolon Giant Comb.	13
3	3.00 "	Above without metal box	13
KB 4	1.80 dz.	Queer Creek Bench	12
5	2.40 "	" " "	12
6	3.00 "	" " "	12
7	3.60 "	" " "	12
8	4.20 "	" " "	12
KM 5	4.80 "	" " Mounted	12
6	5.40 "	" " "	12
7	6.60 "	" " "	12
8	7.20 "	" " "	12
KP 13	1.20 "	Fastcut Pocket Stone	15
KPT 2	6.00 "	Kantbreak Knife Sharpener	14
4	2.40 "	Quickcut Knife Sharpener	14
KT 13	.10 ea.	Queer Creek Axe—Rect.	25
33	.25 "	" " " Round	25
LB 4	.70 "	Lily White Bench	11
5	.90 "	" " "	11
6	1.00 "	" " "	11
7	1.10 "	" " "	11
8	1.35 "	" " "	11
13	.15 "	" " Pen Knife	11
14	.20 "	" " " "	11
15	.25 "	" " " "	11
LIB 27	3.50 ea.	Roversible Oilstone	6
LM 3	.50 "	Lily White Mounted	11
4	.85 "	" " "	11
5	1.10 "	" " "	11
6	1.20 "	" " "	11
7	1.35 "	" " "	11
8	1.60 "	" " "	11
LP 13	1.80 dz.	" " Pocket Stone	15
LS 3	.30 ea.	" " Slip	11
4	.40 "	" " "	11
5	.50 "	" " "	11
MB 6	1.15 "	Medium India Bench	2
7	1.25 "	" " "	2
8	1.50 "	" " "	2
14	.50 "	" " "	2
24	.55 "	" " "	2
26	.75 "	" " "	2
35	.85 "	" " "	2
36	.95 "	" " "	2
48	1.35 "	" " "	2
124	.70 "	" " "	2
MF 14	.40 "	" " Square File	3
24, 34, 44	.45 "	" " " "	3
36, 46	.60 "	" " " "	3
56, 66	.65 "	" " " "	3
76	.70 "	" " " "	3
114	.50 "	" " Tria. File	3
124, 134, 144	.55 "	" " " "	3
136, 146	.70 "	" " " "	3
156, 166	.75 "	" " " "	3
176	.80 "	" " " "	3
214	.60 "	" " Round File	3
224, 234, 244	.65 "	" " " "	3
236, 246	.80 "	" " " "	3
256, 266	.85 "	" " " "	3
276	.90 "	" " " "	3
314	.50 "	" " Half Round	3
324, 334, 344	.55 "	" " " "	3
414 to 474	.75 "	" " Silversmiths	4
544	.75 "	" " Taper Triangle	4
644	.75 "	" " " Round	4
723	.90 "	" " Point	4
724	.70 "	" " Knife Blade	4

ALPHABETICAL INDEX—*Concluded*

NUMBER	LIST	ITEM	PAGE
MJB 6	1.15 ea.	Medium Crystolon Bench	1
7	1.25 "	" " "	1
8	1.50 "	" " "	1
14	.50 "	" " "	1
24	.55 "	" " "	1
26	.75 "	" " "	1
35	.85 "	" " "	1
36	.95 "	" " "	1
48	1.35 "	" " "	1
124	.70 "	" " "	1
MJS 14	.50 "	" " Slip	1
15 to 44	.65 "	" " "	1
54	.90 "	" " "	1
66	1.15 "	" " "	1
MS 14	.50 "	" India Slip	2
15 to 44	.65 "	" " "	2
54	.90 "	" " "	2
66	1.15 "	" " "	2
12 to 42	.50 "	India Carvers' Slips	5
MT 10	.65 "	Medium India Auger Bit	6
11	.15 "	" " Chuck Point	6
34	.65 "	India Skiving Knife Stone	5
48	1.00 "	Medium India Last Makers'	5
76	1.10 "	" " Oval Plug	6
123	.50 "	" " Reamer Stone	5
124, 125	.55 "	" " " "	5
126	.75 "	" " " "	5
134	.90 "	" " Diamond	4
NB 4	.50 "	No. 1 Washita Bench	11
5	.70 "	" " "	11
6	.80 "	" " "	11
7	.90 "	" " "	11
8	1.15 "	" " "	11
13	.10 "	" " Pen Knife	11
14	.15 "	" " " "	11
15	.20 "	" " " "	11
NM 3	.40 "	" " Mounted	11
4	.65 "	" " "	11
5	.90 "	" " "	11
6	1.00 "	" " "	11
7	1.15 "	" " "	11
8	1.40 "	" " "	11
NS 3	.20 "	" " Slips	11
4	.30 "	" " "	11
5	.40 "	" " "	11
RD 1	3.25 "	Handy Andy Grinder	26
2	3.75 "	" " "	26
3	5.50 "	" " "	26
4	6.00 "	" " "	26
RH 9	12.00 "	Peerless Grinder	26
12	18.00 "	Whirlwind Grinder	26
21	10.00 "	Bevelrite Grinder	26
SB 3	.55 "	Soft Arkansas Bench	8
4	1.00 "	" " "	8
5	1.40 "	" " "	8
6	2.00 "	" " "	8
7	2.75 "	" " "	8
8	3.50 "	" " "	8
13	.20 "	" " P. K. Piece	8
14	.30 "	" " " "	8
15	.50 "	" " " "	8
24	.65 "	" " Jewelers' Bench	8
25	1.00 "	" " " "	8
26	1.50 "	" " " "	8
SIB 27	4.50 "	Reversible Oilstone	6
SM 3	.65 ea.	Soft Arkansas Mounted	8
4	1.00 "	" " "	8
5	1.60 "	" " "	8
6	2.00 "	" " "	8
7	2.60 "	" " "	8
8	3.00 "	" " "	8
SS 3	.40 "	" " Slip Reg.	9
4	.60 "	" " " "	9
5	1.00 "	" " " "	9
13	.35 "	" " " Small	9
14	.45 "	" " " "	9
15	.60 "	" " " "	9
T 273	.35 "	Crystolon Knife Sharpener	14
TD 1	3.00 dz.	Alundum Scythestone	22
2	2.40 "	" "	22
TJ 2	3.00 "	Crystolon Scythestone	22
3	3.60 "	" "	22
4	4.20 "	" "	22
TL 2	2.40 "	Indian Pond Scythestone	22
3	2.40 "	White Mountain Scythestone	23
4	3.00 "	Black Diamond Scythestone	22
10	1.80 "	Green Mountain Scythestone	23
TN 12	2.40 "	Crescent Scythestone	23
13	1.80 "	Western Red End Scythestone	23
14	35.00 C	Sir Pike English Round S'stone	24
15	30.00 C	" " " " "	24
16	25.00 C	Arrow Darby	24
TS 2	1.80 dz.	Quickcut Scythestone	23
3	3.00 "	Scythe Rifle	24
4	1.20 "	Granger Scythestone	23
UPB 6	3.00 "	Quickcut Bench Stone	12
7	3.60 "	" " "	12
8	4.20 "	" " "	12
24	1.80 "	" " "	12
UPP 12	1.20 "	" Pocket Stone	15
VR 2	.50 ea.	Ezy Edge Razor Hone	27
3	.35 "	Koenig Razor Hone	27
9	.50 "	Combination Razor Hone	27
14	.25 "	Granito Razor Hone	27
16	.40 "	Trojan Razor Hone	27
18	3.00 "	Norton Razor Hone	27
VS 1	.25 "	Safety Blade Hone	27
WIB 7	1.50 "	India-Washita Stone	6
WIP 13	6.00 dz.	Sportsman's Stones	15
XB 1	.25 ea.	Pike Oil—3 oz. can	17
2	1.00 "	" " 1 qt. can	17
3	1.75 "	" " ½ gal. can	17
4	3.00 "	" " 1 gal. can	17
12	1.00 qt.	Multi-Oilstone Oil	13
XE 1 to 7	.20 pr.	Steel Bushings	19
XS 1	.30 lb.	Silkite Lapowder	21
10	.35 "	" "	21
XT 1	1.00 ea.	Engravers' Chuck	6
6, 7, 8	.50 "	Wood Oilstone Boxes	1
116	.75 "	Iron Oilstone Box	1
117	.85 "	" " "	1
118	1.00 "	" " "	1
XV 1	.25 lb.	Velvite Lapowder	21
10	.30 "	" "	21
20	.35 "	" "	21

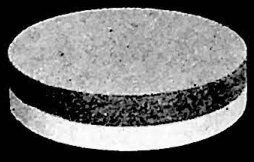
CRYSTOLON OILSTONES

Factory impregnation greatly reduces oil consumption. The oil-moistened surfaces eliminate harsh, noisy strokes, prolong the life of the stone and remove the possibility of burned edges. Made from Norton Crystolon Abrasive (silicon carbide), they may be used dry or with additional moderate applications of oil.

CRYSTOLON BENCH STONES

Excellent for rapid sharpening of all kinds of tools like chisels and plane irons used in general woodworking.

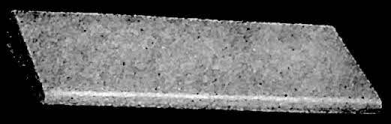
NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FJB 14	MJB 14	CJB 14	4 x 1 x 1/4	12	1 1/2 lbs.	$0.50
FJB 24	MJB 24	CJB 24	4 x 1 x 1/2	6	1 1/4 lbs.	0.55
FJB 124	MJB 124	.....	4 x 1 3/4 x 1/2	6	2 1/4 lbs.	0.70
FJB 35	MJB 35	.....	5 x 2 x 5/8	6	4 lbs.	0.85
FJB 26	MJB 26	.....	6 x 1 1/2 x 1/2	6	2 1/2 lbs.	0.75
FJB 36	MJB 36	.....	6 x 2 x 5/8	6	4 3/4 lbs.	0.95
FJB 6	MJB 6	CJB 6	6 x 2 x 1	6	7 1/4 lbs.	1.15
FJB 7	MJB 7	CJB 7	7 x 2 x 1	6	8 1/2 lbs.	1.25
FJB 48	MJB 48	.....	8 x 2 x 3/4	6	8 lbs.	1.35
FJB 8	MJB 8	CJB 8	8 x 2 x 1	6	10 lbs.	1.50



CRYSTOLON COMBINATION STONES

Two grits, Coarse and Fine vitrified (not glued) together, making a stone of outstanding value for homecraftsmen and carpenters.

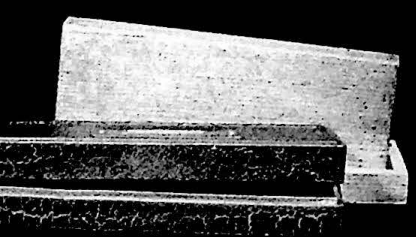
NUMBERS	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
JB 64	4 x 1 Round	6	8 lbs.	$1.25
JB 134	4 x 1 3/4 x 5/8	6	2 1/2 lbs.	0.85
JB 45	5 x 2 x 3/4	6	3 1/2 lbs.	1.00
JB 6	6 x 2 x 1	6	7 1/4 lbs.	1.25
JB 7	7 x 2 x 1	6	8 1/2 lbs.	1.50
JB 8	8 x 2 x 1	6	10 lbs.	1.75



CRYSTOLON ROUND EDGE SLIPS

For knives and tools with curved edges used in woodturning plants and by carpenters and woodworkers.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FJS 14	MJS 14	CJS 14	4 x 1 x 7/16 x 3/16	6	3/4 lb.	$0.50
FJS 24	MJS 24	CJS 24	4 1/2 x 1 3/4 x 1/4 x 1/16	6	3/4 lb.	0.65
FJS 34	MJS 34	CJS 34	4 1/2 x 1 3/4 x 3/8 x 1/8	6	1 1/4 lbs.	0.65
FJS 44	MJS 44	CJS 44	4 1/2 x 1 3/4 x 1/2 x 1/16	6	1 3/4 lbs.	0.65
FJS 15	MJS 15	CJS 15	5 x 1 x 5/16 x 3/32	6	1/2 lb.	0.65
FJS 54	MJS 54	CJS 54	4 1/2 x 2 1/8 x 5/8 x 5/16	6	2 1/4 lbs.	0.90
FJS 66	MJS 66	CJS 66	6 x 2 1/4 x 3/4 x 3/8	6	4 lbs.	1.15



BOXES FOR OILSTONES

NUMBERS	FOR STONE SIZE, INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
XT 6 Wood	6 x 2 x 1	1	6 oz.	$0.50
XT 7 Wood	7 x 2 x 1	1	7 oz.	0.50
XT 8 Wood	8 x 2 x 1	1	8 oz.	0.50
XT 116 Iron	6 x 2 x 1	1	1 3/4 lbs.	0.75
XT 117 Iron	7 x 2 x 1	1	2 lbs.	0.85
XT 118 Iron	8 x 2 x 1	1	2 1/4 lbs.	1.00

INDIA OILSTONES

Made from Norton Alundum abrasive (aluminum oxide) by a process which produces stones unequalled by any artificial stone in speed of cut, long life, maintenance of shape and smoothness of resulting edge on tool. Factory-impregnated with oil and ready for use with slight further applications.

INDIA BENCH STONES

Combined qualities of hardness, sharpness and toughness make these stones of outstanding value in machine shop practice for use on lathe and planer tools and scraper blades. Also produce beautiful oilstoned finishes on woodworking tools.

NUMBERS FINE	NUMBERS MEDIUM	NUMBERS COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FB 14	MB 14	CB 14	4 x 1 x 1/4	12	1 1/2 lbs.	$0.50
FB 24	MB 24	CB 24	4 x 1 x 1/2	6	1 1/2 lbs.	0.55
FB 124	MB 124	.....	4 x 1 3/4 x 1/2	6	2 1/4 lbs.	0.70
FB 35	MB 35	.....	5 x 2 x 5/8	6	4 lbs.	0.85
FB 26	MB 26	.....	6 x 1 1/2 x 1/2	6	2 1/2 lbs.	0.75
FB 36	MB 36	.....	6 x 2 x 5/8	6	4 3/4 lbs.	0.95
FB 6	MB 6	CB 6	6 x 2 x 1	6	7 1/4 lbs.	1.15
FB 7	MB 7	CB 7	7 x 2 x 1	6	8 1/2 lbs.	1.25
FB 48	MB 48	.....	8 x 2 x 3/4	6	8 lbs.	1.35
FB 8	MB 8	CB 8	8 x 2 x 1	6	10 lbs.	1.50

INDIA COMBINATION STONES

Coarse and Fine grits vitrified into a single stone. Coarse side for dull tools; Fine side for a finished edge.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
IB 64	4 x 1 Round	6	8 lbs.	$1.25
IB 134	4 x 1 3/4 x 5/8	6	2 1/2 lbs.	0.85
IB 45	5 x 2 x 3/4	6	3 1/2 lbs.	1.00
IB 6	6 x 2 x 1	6	7 1/4 lbs.	1.25
IB 7	7 x 2 x 1	6	8 1/2 lbs.	1.50
IB 8	8 x 2 x 1	6	10 lbs.	1.75

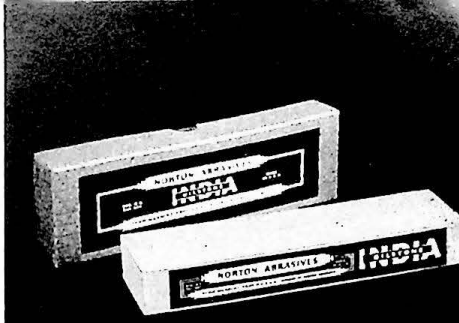
INDIA ROUND EDGE SLIPS

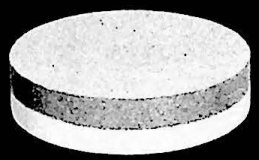
Produces oilstoned finishes on gouges, moulder knives, bead planers and other tools and knives with curved edges.

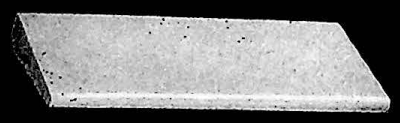
NUMBERS FINE	NUMBERS MEDIUM	NUMBERS COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FS 14	MS 14	CS 14	4 x 1 x 7/16 x 3/16	6	3/4 lb.	$0.50
FS 24	MS 24	CS 24	4 1/2 x 1 3/4 x 1/4 x 1/16	6	3/4 lb.	0.65
FS 34	MS 34	CS 34	4 1/2 x 1 3/4 x 3/8 x 1/8	6	1 1/4 lbs.	0.65
FS 44	MS 44	CS 44	4 1/2 x 1 3/4 x 1/2 x 3/16	6	1 3/4 lbs.	0.65
FS 15	MS 15	CS 15	5 x 1 x 5/16 x 3/32	6	1/2 lb.	0.65
FS 54	MS 54	CS 54	4 1/2 x 2 1/8 x 5/8 x 5/16	6	2 1/4 lbs.	0.90
FS 66	MS 66	.....	6 x 2 1/4 x 3/4 x 3/8	6	4 lbs.	1.15

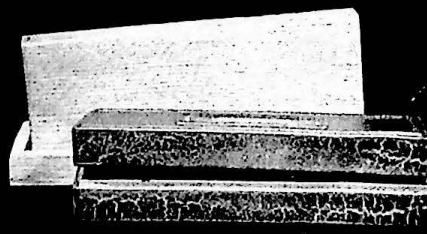
BOXES FOR OILSTONES

NUMBER	FOR STONE SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
XT 6 Wood	6 x 2 x 1"	1	6 ozs.	$0.50
XT 7 Wood	7 x 2 x 1"	1	7 ozs.	0.50
XT 8 Wood	8 x 2 x 1"	1	8 ozs.	0.50
XT 116 Iron	6 x 2 x 1"	1	1 3/4 lbs.	0.75
XT 117 Iron	7 x 2 x 1"	1	2 lbs.	0.85
XT 118 Iron	8 x 2 x 1"	1	2 1/4 lbs.	1.00

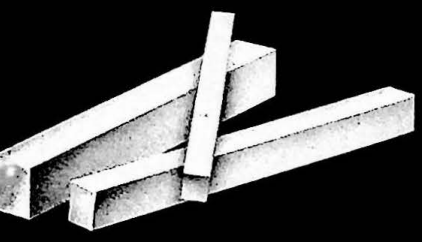








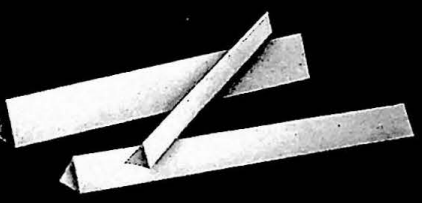
INDIA OILSTONES



INDIA SQUARE FILES

Superior to metal files on die and tool work. Used for cleaning corners of dies where some stock is to be removed without scratching.

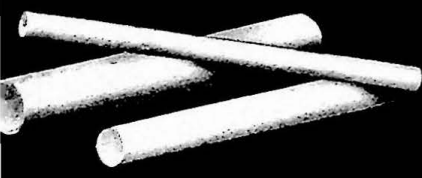
NUMBERS FINE	NUMBERS MEDIUM	NUMBERS COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 14	MF 14	CF 14	4 x 1/4	12	5 oz.	$0.40
FF 24	MF 24	CF 24	4 x 5/16	12	8 oz.	0.45
FF 34	MF 34	CF 34	4 x 3/8	12	10 1/2 oz.	0.45
FF 44	MF 44	CF 44	4 x 1/2	12	1 1/4 lbs.	0.45
FF 36	MF 36	CF 36	6 x 3/8	12	1 lb.	0.60
FF 46	MF 46	CF 46	6 x 1/2	12	1 7/8 lbs.	0.60
FF 56	MF 56	CF 56	6 x 5/8	6	1 1/4 lbs.	0.65
FF 66	MF 66	CF 66	6 x 3/4	6	1 3/4 lbs.	0.65
FF 76	MF 76	CF 76	6 x 1	6	3 1/2 lbs.	0.70



INDIA TRIANGULAR FILES

For the same kind of work as square shapes but on jobs where three-cornered files can be used to better advantage.

NUMBERS FINE	NUMBERS MEDIUM	NUMBERS COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 114	MF 114	CF 114	4 x 1/4	12	3 oz.	$0.50
FF 124	MF 124	CF 124	4 x 5/16	12	4 oz.	0.55
FF 134	MF 134	CF 134	4 x 3/8	12	5 oz.	0.55
FF 144	MF 144	CF 144	4 x 1/2	12	9 oz.	0.55
FF 136	MF 136	CF 136	6 x 3/8	12	8 oz.	0.70
FF 146	MF 146	CF 146	6 x 1/2	12	14 oz.	0.70
FF 156	MF 156	CF 156	6 x 5/8	6	10 oz.	0.75
FF 166	MF 166	CF 166	6 x 3/4	6	1 lb.	0.75
FF 176	MF 176	CF 176	6 x 1	6	1 1/2 lbs.	0.80



INDIA ROUND FILES

Widely used for lapping round holes and for stoning dies and cleaning moulds. Used also on many curved edges.

NUMBERS FINE	NUMBERS MEDIUM	NUMBERS COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 214	MF 214	CF 214	4 x 1/4	12	4 oz.	$0.60
FF 224	MF 224	CF 224	4 x 5/16	12	6 oz.	0.65
FF 234	MF 234	CF 234	4 x 3/8	12	9 oz.	0.65
FF 244	MF 244	CF 244	4 x 1/2	12	1 lb.	0.65
FF 236	MF 236	CF 236	6 x 3/8	12	1 lb.	0.80
FF 246	MF 246	CF 246	6 x 1/2	12	1 3/8 lbs.	0.80
FF 256	MF 256	CF 256	6 x 5/8	6	1 lb.	0.85
FF 266	MF 266	CF 266	6 x 3/4	6	1 1/2 lbs.	0.85
FF 276	MF 276	CF 276	6 x 1	6	2 lbs.	0.90

INDIA HALF ROUND FILES

For tools or dies having both straight and curved edges.

NUMBERS FINE	NUMBERS MEDIUM	NUMBERS COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 314	MF 314	CF 314	4 x 1/4	12	3 oz.	$0.50
FF 324	MF 324	CF 324	4 x 5/16	12	4 oz.	0.55
FF 334	MF 334	CF 334	4 x 3/8	12	5 oz.	0.55
FF 344	MF 344	CF 344	4 x 1/2	12	9 oz.	0.55

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INDIA OILSTONES

TAPER ROUNDS AND TRIANGLES

Convenient shapes suitable for many different purposes in machine shops, tool and die works and woodworking plants.

Taper Rounds

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 644	MF 644	CF 644	4 x 1/2 x 1/4	6	5 oz.	$0.75

Taper Triangles

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 544	MF 544	CF 544	4 x 1/2 x 1/4	6	3 oz.	$0.75

INDIA SILVERSMITHS' STONES

Also used for touching up, lapping and cleaning tools and dies in a great variety of industries.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 414	MF 414	CF 414	4 x 5/16 x 3/16 x 5/16 x 1/16	6	1 1/2 oz.	$0.75
FF 424	MF 424	CF 424	4 x 3/8 x 3/16 x 1/8 x 1/16	6	1 1/2 oz.	0.75
FF 433	MF 433	CF 433	3 1/2 x 7/16 x 3/16	6	2 1/2 oz.	0.75
FF 434	MF 434	CF 434	4 x 7/16 x 3/16 x 1/8	6	2 1/2 oz.	0.75
FF 444	MF 444	CF 444	4 x 1/2 x 1/16	6	1 1/2 oz.	0.75
FF 454	MF 454	CF 454	4 x 1/2 x 3/16 x 3/16 x 1/16	6	1 1/2 oz.	0.75
FF 464	MF 464	CF 464	4 x 1/2 x 1/4 x 5/16 x 1/8	6	2 1/2 oz.	0.75
FF 474	MF 474	CF 474	4 x 1/2 x 1/4 x 5/16 x 1/8	6	2 oz.	0.75

INDIA DIAMOND FILE

A special shape for sewing machine feeds, geometric chasers and for cleaning out acute angles in dies and moulds.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FT 134	MT 134	CT 134	4 x 9/16 x 3/16	6	2 1/2 oz.	$0.90

INDIA POINT

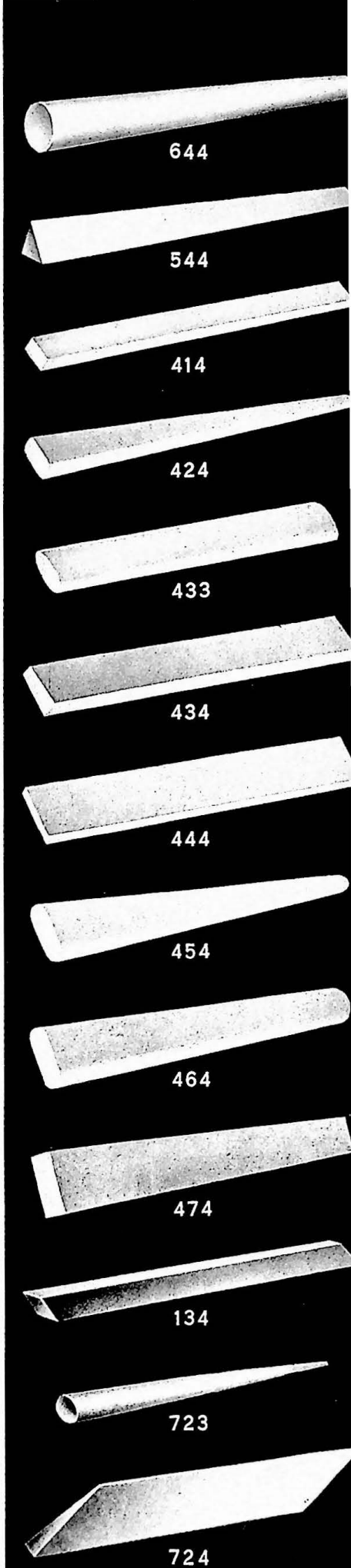
Used by engravers and die sinkers. Its shape will suggest many other uses to die and tool makers.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 723	MF 723	CF 723	3 x 5/16 Base	6	1 1/2 oz.	$0.90

INDIA KNIFE BLADE

Universally used by watch and clock makers. The fine grit is excellent for repointing draftsmen's pens.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FF 724	MF 724	CF 724	4 x 1 x 1/8 Back	12	7 oz.	$0.70



INDIA OILSTONES

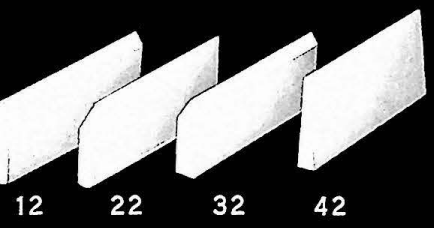
INDIA REAMER STONES

Useful in machine shops for sharpening reamers and taps. Also used on rough rounders and other shoe machine tools.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FT 123	MT 123	CT 123	3½ x ¾ x 3/16	12	½ lb.	$0.50
FT 124	MT 124	CT 124	4½ x 1 x 5/16	12	1½ lbs.	0.55
FT 125	MT 125	CT 125	5 x 1 x 3/16	12	1 lb.	0.55
FT 126	MT 126	CT 126	6 x 1 x ¼	12	1¾ lbs.	0.75

INDIA CARVING TOOL SLIPS

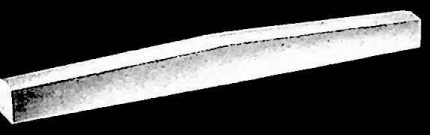
Created for producing an oilstoned finish on the special knives and tools used by carvers of wood and ivory.



NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
MS 12	2¼ x ⅞ x 3/16	6	3 oz.	$0.50
MS 22	2¼ x ⅞ x 3/16	6	3 oz.	0.50
MS 32	2¼ x ⅞ x 3/16	6	3 oz.	0.50
MS 42	2¼ x ⅞ x 3/16	6	3 oz.	0.50

INDIA LAST MAKERS' STONE

Used by last makers and woodturners and for sharpening cutting dies in shoe and glove shops.



NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FT 48	MT 48	CT 48	8 x ⅝ x ⅝	6	2 lbs.	$1.00

INDIA SKIVING KNIFE STONE

Designed for removing burr from Amazeen skiving knives, but useful for other operations in various industries.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
MT 34	4 x 1 x ¼	12	17 oz.	$0.65

INDIA ENGRAVERS' PENCIL

Medium and Fine grits mounted in a wood pencil. Used by engravers, die sinkers and for marking metals.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
IT 17	7 Long. Stone ⅛ sq.	12	6 oz.	$0.65

INDIA SPECIAL GOUGE SLIP

A universal sharpener for gouges and curved cutting edges. Also used for lapping inside or outside curved surfaces.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FS 76	6 x 2 x 1 x ½ x ⅜	6	2½ lbs.	$1.50

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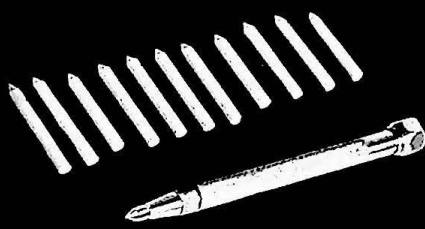
ENGRAVERS' CHUCK AND POINTS

India Chuck Points are convenient stones for cleaning out minute corners of dies where absolute accuracy is desired. Used by die sinkers, metal chasers, engravers and others. Holder is made of steel, nickel plated and knurled.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FT 11	MT 11	CT 11	1 x 1/8	12	1/4 oz.	$0.15
		XT 1	Chuck only	1	2 oz.	1.00



INDIA TAPER OVAL PLUG

For mould and die work and lapping round or oval holes.

NUMBERS FINE	MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FT 76	MT 76	CT 76	6 x 7/8 x 5/16	12	1 3/4 lbs.	$1.10

INDIA AUGER BIT STONE

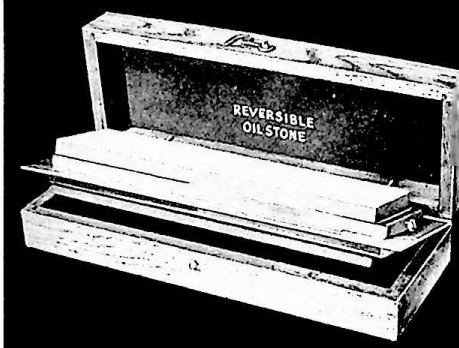
Superior to a metal file for keen edges on auger bits.

NUMBERS MEDIUM	COARSE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
MT 10	CT 10	4 long	12	6 oz.	$0.65

REVERSIBLE OILSTONES

Two stones in one mounting with either ready for use at an instant's notice. A Coarse India on one side and a Lily White Washita or a Soft or Hard Arkansas on the other. An excellent stone for the home craftsman or mechanic who takes pride in his tool outfit.

NUMBER	COMBINATION	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
LIB 27	India-Lily White	7 x 2 x 1	1	1 3/4 lbs.	$3.50
SIB 27	India-Soft Arkansas	7 x 2 x 1	1	1 3/4 lbs.	4.50
HIB 27	India-Hard Arkansas	7 x 2 x 1	1	1 3/4 lbs.	6.50



INDIA-WASHITA OILSTONE

Combines in one stone the fast-cutting quality of the India with the fine finishing quality of the Washita. A favorite with cabinet makers and workers in hardwood.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
WIB 7	7 x 2 x 1	6	8 lbs.	$1.50

INDIA OILSTONE WHEELS

For light grinding and lapping by watch repairers, dentists, jewelers and makers of fine tools. Made in Coarse, Medium, Fine and Extra Fine grits and Surgeons' Hone Material.

DIAMETER IN INCHES	THICKNESS OF WHEELS IN INCHES — LIST EACH					
	1/4	1/2	3/4	1	1 1/2	2
1	$0.90	$1.10	$1.25	$1.45	$1.80	$2.15
1 1/2	1.10	1.45	1.60	1.80	2.15	2.50
2	1.25	1.80	2.15	2.50	2.90	3.25
2 1/2	1.45	2.15	2.50	2.90	3.25	3.80
3	1.80	2.50	3.05	3.60	4.05	4.50
3 1/2	2.15	2.90	3.60	4.30	4.95	5.40
4	2.50	3.25	3.95	4.70	5.40	6.10
4 1/2	2.90	3.60	4.30	5.05	5.75	6.65
5	3.25	3.95	4.70	5.40	6.10	7.00
6	3.80	4.50	5.20	5.75	8.30	10.60
7		5.85	7.20	8.55	10.35	13.65
8		7.00	8.10	10.10	12.60	16.20
9		8.30	9.60	12.15	16.00	21.60
10		9.90	11.25	13.95	18.70	25.20
12		12.60	15.30	19.80	27.00	31.80

On special orders only—not subject to cancellation or return. Five weeks required for manufacture. Wheels of intermediate sizes take price of next larger. Extra Fine grit 50% advance. Surgeons' Hone Material 100% advance.

RECTANGULAR

JOINTER STONES

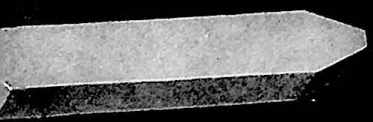
For mechanical jointing devices on automatic planers. Supplied in India (aluminum oxide) or Crystolon (silicon carbide), each being made in a grade accepted as standard for this class of work. Other grades, or shapes different from those shown, can be supplied on special order.

No. 52

No. 214

No. 224

No. 234



No. 254

Rectangular

INDIA NUMBERS	CRYSTOLON NUMBERS	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
IE 11	JE 11	1 1/2 x 3/4 x 1/2	12	10 oz.	$0.40
IE 21	JE 21	1 3/4 x 3/4 x 1/2	12	12 oz.	0.40
IE 32	JE 32	2 x 3/4 x 1/2	12	14 oz.	0.40
IE 42	JE 42	2 x 3/4 x 3/4	12	1 3/8 lbs.	0.40
IE 2	JE 2	2 1/2 x 3/4 x 1/4	12	10 oz.	0.40
IE 12	JE 12	2 1/2 x 1 1/4 x 3/8	12	1 1/2 lbs.	0.55
IE 22	JE 22	2 3/4 x 3/4 x 3/4	12	1 3/4 lbs.	0.45
IE 73	JE 73	3 x 3/4 x 1/4	12	10 oz.	0.40
IE 13	JE 13	3 x 3/4 x 5/16	12	1 lb.	0.45
IE 23	JE 23	3 x 3/4 x 1/2	12	1 1/4 lbs.	0.45
IE 33	JE 33	3 x 3/4 x 3/4	12	2 lbs.	0.45
IE 43	JE 43	3 x 1 x 1/2	12	1 3/4 lbs.	0.45
IE 63	JE 63	3 1/2 x 1 1/4 x 3/8	12	2 lbs.	0.60
IE 34	JE 34	4 x 1/2 x 3/8	12	1 lb.	0.45
IE 54	JE 54	4 x 3/4 x 1/4	12	14 oz.	0.45
IE 64	JE 64	4 x 3/4 x 5/16	12	1 1/4 lbs.	0.50
IE 74	JE 74	4 x 3/4 x 3/8	12	1 3/8 lbs.	0.50
IE 84	JE 84	4 x 3/4 x 1/2	12	1 3/4 lbs.	0.50
IE 104	JE 104	4 x 3/4 x 3/4	12	2 3/4 lbs.	0.50
IE 124	JE 124	4 x 1 x 3/8	12	1 3/4 lbs.	0.50
IE 164	JE 164	4 x 1 x 1/2	12	2 1/4 lbs.	0.50
IE 174	JE 174	4 x 1 1/4 x 3/8	12	2 1/4 lbs.	0.60
IE 154	JE 154	4 x 1 1/2 x 1/2	12	3 5/8 lbs.	0.60
IE 184	JE 184	4 x 2 1/2 x 3/4	12	8 5/8 lbs.	0.85
IE 194	JE 194	4 1/2 x 3/4 x 5/16	12	1 1/8 lbs.	0.55
		Special Shapes (Illustrated)			
IE 52	JE 52	2 1/2 x 3/4 x 1/4	12	8 oz.	0.50
IE 214	JE 214	4 x 3/4 x 5/16	12	1 1/8 lbs.	0.60
IE 224	JE 224	4 x 3/4 x 1/4	12	14 oz.	0.60
IE 234	JE 234	4 x 3/4 x 5/16	12	1 1/8 lbs.	0.75
IE 254	JE 254	4 1/2 x 3/4 x 3/4	12	2 1/2 lbs.	1.00

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ARKANSAS OILSTONES

A natural stone quarried in the Ozark Mountains. Gives the finest edge of any oilstone in existence, either natural or artificial. Supplied in two grades, Hard and Soft.

Hard Arkansas is unequalled for sharpening the finest tools used by experts, like engravers and carvers of ivory. Its unique texture makes it indispensable for sharpening surgical, dental and microtome knives.

Soft Arkansas is procured from the same source but is slightly coarser and softer. It is a favorite with pattern makers and those engaged in general woodworking.

ARKANSAS BENCH STONES

Hard NO.	LIST EACH	Soft NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT EACH
HB 3	$2.50	SB 3	$0.55	3 x 2 x 3/4-1	1	9 oz.
HB 4	3.50	SB 4	1.00	4 x 2 x 3/4-1	1	12 oz.
HB 5	5.00	SB 5	1.40	5 x 2 x 3/4-1	1	15 oz.
HB 6	6.00	SB 6	2.00	6 x 2 x 3/4-1	1	17 oz.
HB 7	7.00	SB 7	2.75	7 x 2 x 3/4-1	1	1 1/4 lbs.
HB 8	8.00	SB 8	3.50	8 x 2 x 3/4-1	1	1 1/2 lbs.

ARKANSAS JEWELERS' STONES

Hard NO.	LIST EACH	Soft NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT EACH
HB 24	$1.25	SB 24	$0.65	4 x 2 x 3/8-1/2	1	5 oz.
HB 25	2.00	SB 25	1.00	5 x 2 x 3/8-1/2	1	6 oz.
HB 26	2.75	SB 26	1.50	6 x 2 x 3/8-1/2	1	8 oz.

ARKANSAS MOUNTED STONES

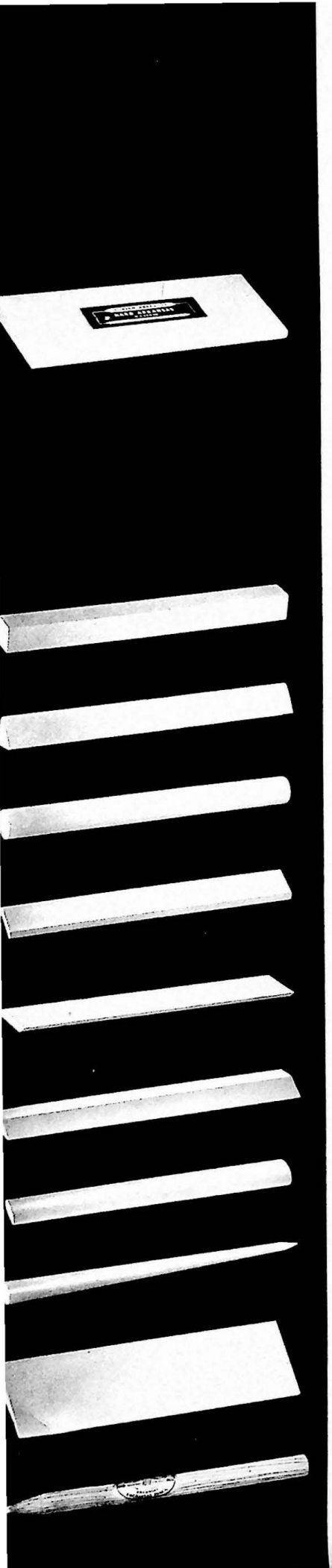
First quality stones mounted in hardwood boxes which keep the stones free from dirt and thoroughly oil-moistened.

Hard NO.	LIST EACH	Soft NO.	LIST EACH	SIZE IN INCHES	STD. PKG.	WEIGHT EACH
HM 3	$1.00	SM 3	$0.65	3 1/2 x 1	1	4 oz.
HM 4	2.75	SM 4	1.00	4 x 2	1	12 oz.
HM 5	3.50	SM 5	1.60	5 x 2	1	17 oz.
HM 6	4.25	SM 6	2.00	6 x 2	1	1 1/4 lbs.
HM 7	5.00	SM 7	2.60	7 x 2	1	1 5/8 lbs.
HM 8	5.75	SM 8	3.00	8 x 2	1	1 7/8 lbs.

ARKANSAS PENKNIFE PIECES

Produce the very keenest finish on pocket knives. Also used extensively by surgical instrument makers, by engravers and by tool and die makers.

Hard NO.	LIST EACH	Soft NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT STD. PKG.
HB 13	$0.50	SB 13	$0.20	3 x 1 x 1/4-3/8	6	3/4 lb.
HB 14	0.70	SB 14	0.30	4 x 1 x 1/4-3/8	6	1 lb.
HB 15	1.00	SB 15	0.50	5 x 1 x 1/4-3/8	6	1 1/4 lbs.



ARKANSAS OILSTONES

ARKANSAS ROUND EDGE SLIPS

Produce the finest oilstoned finish on curved edges and surfaces. A necessity in woodturning plants and in making precision tools.

Hard Soft Regular Sizes

Hard NO.	LIST EACH	Soft NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT STD. PKG.
HS 3	$1.00	SS 3	$0.40	3 x 1 3/4-2 x 1/4-3/8 x 1/8-1/8	3	7 1/2 oz.
HS 4	1.50	SS 4	0.60	4 x 1 3/4-2 x 3/8-1/2 x 1/8-1/8	3	9 oz.
HS 5	2.00	SS 5	1.00	5 x 1 3/4-2 x 3/8-1/2 x 1/8-1/4	3	13 1/2 oz.

Hard Soft Small Sizes

Hard NO.	LIST EACH	Soft NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT STD. PKG.
HS 13	$0.65	SS 13	$0.35	3 x 1 1/4-1 1/2 x 1/4-3/8 x 1/8-Sharp	3	6 oz.
HS 14	1.00	SS 14	0.45	4 x 1 1/4-1 1/2 x 1/4-3/8 x 1/8-Sharp	3	7 1/2 oz.
HS 15	1.25	SS 15	0.60	5 x 1 1/4-1 1/2 x 1/4-3/8 x 1/8-Sharp	3	9 oz.

Exact sizes 25% advance.

HARD ARKANSAS FILES

Used where the work calls for an accurate finish. Stocked in Hard Arkansas. Soft Arkansas supplied on special orders.

Square Files

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
HF 3	3-3 1/2 x 1/4-3/8 Asstd.	12	5 oz.	$0.50
HF 13	3-3 1/2 x 1/4	12	4 1/2 oz.	0.50
HF 23	3-3 1/2 x 1/8	12	5 1/2 oz.	0.50
HF 33	3-3 1/2 x 3/8	12	9 oz.	0.70
HF 43	3-3 1/2 x 1/2	12	16 oz.	0.70

Triangular Files

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
HF 103	3-3 1/2 x 1/4-3/8 Asstd.	12	3 oz.	$0.50
HF 113	3-3 1/2 x 1/4	12	2 1/2 oz.	0.50
HF 123	3-3 1/2 x 1/8	12	4 oz.	0.50
HF 133	3-3 1/2 x 3/8	12	5 oz.	0.70
HF 143	3-3 1/2 x 1/2	12	8 oz.	0.70

Miscellaneous Files

NUMBER	SHAPE	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
HF 813	Round	3-3 1/2 x 1/4-1/8	12	5 oz.	$0.60
HF 823	Flat	3-3 1/2 x 3/8-1/2 x 1/8-1/8	12	4 oz.	0.40
HF 833	Bevel	3-3 1/2 x 3/8-1/2 x 1/8-1/8	12	4 oz.	0.50
HF 843	Diamond	3-3 1/2 x 1/2 x 1/8-1/4	12	4 oz.	0.60
HF 853	Oval	3-3 1/2 x 1/2 x 1/8-1/4	12	4 oz.	0.60
HF 863	Point	3-3 1/2 x 1/4 Base	12	2 oz.	0.60
HF 873	Knife Blade	3-4 x 3/4-1 x 1/8-1/4	12	10 oz.	0.60
AT 17	Eng'rs Pencil	7 Long. Stone 1/8 Sq.	12	6 oz.	0.75

Arkansas Files should be taken in the assortments listed. Exact sizes, within dimensions shown, 25% advance. Files exactly 4" long, 50% advance. Special sizes require four weeks.

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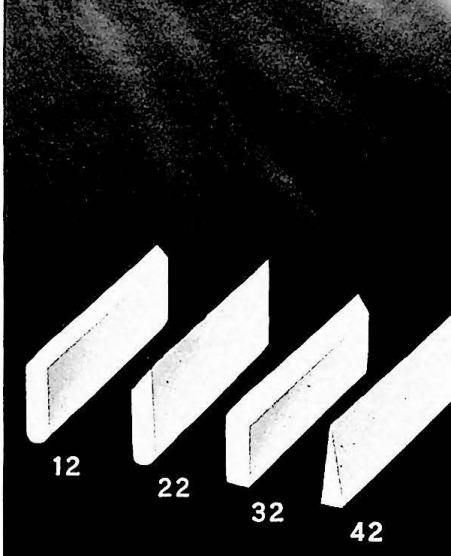
ARKANSAS OILSTONES

ARKANSAS CARVING TOOL SLIPS

A set of these slips enables a wood or ivory carver to keep all sizes and sweeps of straight and bent gouges in perfect condition.

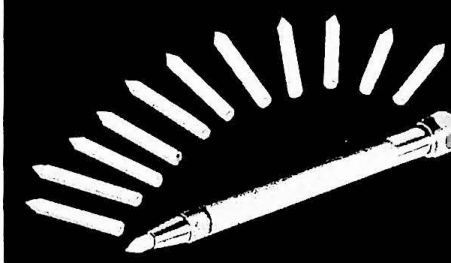
NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
AS 12	2¼ x ⅞ x 3/16	6	3½ oz.	$0.50
AS 22	2¼ x ⅞ x 3/16	6	3½ oz.	0.50
AS 32	2¼ x ⅞ x 3/16	6	3½ oz.	0.50
AS 42	2¼ x ⅞ x 3/16	6	3½ oz.	0.50



ARKANSAS POINTS AND CHUCK

Used by engravers and die sinkers to remove the last trace of burr or wire from the edges or corners of precision dies or tools.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
AT 11	1 x ⅛	12	¼ oz.	$0.30
XT 1	Chuck Only	1	2 oz.	1.00



ARKANSAS OILSTONE WHEELS

For putting the finest edge on surgeons' and microtome knives; for finishing hypodermic needles and for producing accurately finished dental, surgical and watchmaking tools and instruments.

HARD—List Each

DIAMETER IN INCHES	THICKNESS OF WHEELS IN INCHES ¼	⅜	½	⅝	¾	1
1	$1.20	$1.50	$1.80	$2.10	$2.40	$3.00
1½	1.80	2.10	2.40	2.70	3.00	3.60
2	2.40	2.70	3.00	3.30	3.60	4.20
2½	3.00	3.30	3.60	3.90	4.20	5.75
3	3.60	3.90	4.20	5.00	5.70	7.25
3½	4.20	4.50	4.80	6.50	8.00	9.75
4	5.40	5.70	6.00	8.00	9.75	13.00
4½	6.90	7.20	7.80	9.75	11.25	14.50
5	8.70	9.00	9.60	11.25	13.75	19.50
6	10.80	12.00	14.40	16.80	19.50	26.00

SOFT—List Each

DIAMETER IN INCHES	THICKNESS OF WHEELS IN INCHES ¼	⅜	½	⅝	¾	1
1	$0.90	$1.00	$1.20	$1.30	$1.50	$1.80
1½	1.20	1.30	1.50	1.60	1.80	2.10
2	1.50	1.60	1.80	1.90	2.10	2.40
2½	1.80	1.90	2.10	2.20	2.40	2.70
3	2.10	2.20	2.40	2.50	2.70	3.00
3½	2.40	2.50	2.70	2.80	3.00	3.30
4	2.70	2.80	3.00	3.10	3.30	3.60
4½	3.60	3.70	3.90	4.00	4.20	4.80
5	4.80	4.90	5.10	5.20	5.40	6.00
6	6.00	6.60	7.20	7.80	8.40	9.00

These wheels made on special order only, not subject to cancellation or return. Four weeks required for making. State diameter, thickness and size of hole wanted. Sizes between those listed take price of next larger size.

WASHITA OILSTONES

A natural stone preferred by many artisans for efficient tool sharpening. It produces smooth, long-lasting edges.

Lily White Washita is the best selection. It is uniform in texture and nicely finished. The most satisfactory natural stone for carpenters' tools.

No. 1 Washita is an excellent stone not graded so carefully as the Lily White. A good, general woodworkers' stone.

WASHITA BENCH STONES

Lily White Number 1

NO.	LIST EACH	NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT STD. PKG.
LB 4	$0.70	NB 4	$0.50	4 x 2 x 3/4-1	6	4 lbs.
LB 5	0.90	NB 5	0.70	5 x 2 x 3/4-1	6	5 lbs.
LB 6	1.00	NB 6	0.80	6 x 2 x 3/4-1	6	6 lbs.
LB 7	1.10	NB 7	0.90	7 x 2 x 3/4-1	6	7 lbs.
LB 8	1.35	NB 8	1.15	8 x 2 x 3/4-1	6	8 lbs.

WASHITA MOUNTED STONES

Boxes are made of nicely finished hardwood. They are strong and durable and protect the stone from dust and dirt.

Lily White Number 1

NO.	LIST EACH	NO.	LIST EACH	STONE SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT STD. PKG.
LM 3	$0.50	NM 3	$0.40	3 1/2 x 1	6	2 lbs.
LM 4	0.85	NM 4	0.65	4 x 2	6	4 1/2 lbs.
LM 5	1.10	NM 5	0.90	5 x 2	6	6 1/2 lbs.
LM 6	1.20	NM 6	1.00	6 x 2	6	7 lbs.
LM 7	1.35	NM 7	1.15	7 x 2	6	8 lbs.
LM 8	1.60	NM 8	1.40	8 x 2	6	9 lbs.

WASHITA ROUND EDGE SLIPS

Give a keen edge on gouges and all curved cutting edges.

Lily White Number 1

NO.	LIST EACH	NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT STD. PKG.
LS 3	$0.30	NS 3	$0.20	3 x 1 3/4-2 x 3/8-1/2 x 1/8-1/4	12	2 lbs.
LS 4	0.40	NS 4	0.30	4 x 1 3/4-2 x 3/8-1/2 x 1/8-1/4	12	2 1/2 lbs.
LS 5	0.50	NS 5	0.40	5 x 1 3/4-2 x 3/8-1/2 x 1/8-1/4	12	3 lbs.

WASHITA PENKNIFE PIECES

Used to set the edges on fine cutlery and small tools.

Lily White Number 1

NO.	LIST EACH	NO.	LIST EACH	SIZE IN INCHES ABOUT	STD. PKG.	WEIGHT STD. PKG.
LB 13	$0.15	NB 13	$0.10	3 x 1 x 1/4-3/8	12	1 3/8 lbs.
LB 14	0.20	NB 14	0.15	4 x 1 x 1/4-3/8	12	1 5/8 lbs.
LB 15	0.25	NB 15	0.20	5 x 1 x 1/4-3/8	12	2 lbs.

Special Information

Prices will be quoted promptly on special sizes of Washita Stones or Slips, Washita Wheels or Washita Cutlers' Stones.

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MISCELLANEOUS STONES

QUEER CREEK

A good, low-priced natural stone for carpenters' tools.

NO.	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
KB 4	4 x 2 x ¾-1	12	3½ lbs.	$1.80
KB 5	5 x 2 x ¾-1	12	9½ lbs.	2.40
KB 6	6 x 2 x ¾-1	12	11½ lbs.	3.00
KB 7	7 x 2 x ¾-1	12	13 lbs.	3.60
KB 8	8 x 2 x ¾-1	12	15 lbs.	4.20

QUEER CREEK, MOUNTED

NO.	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
KM 5	5 x 2	12	12 lbs.	$4.80
KM 6	6 x 2	12	13 lbs.	5.40
KM 7	7 x 2	12	15 lbs.	6.60
KM 8	8 x 2	12	19 lbs.	7.20

CORUNDUM AND QUICKCUT

These two fabricated stones are the best in their price classes. Combination type—one side coarse, the other fine.

Corundum		Quickcut				
NO.	LIST DOZEN	NO.	LIST DOZEN	SIZE IN INCHES	STD. PKG	WEIGHT STD. PKG.
CPB 24	$2.40	UPB 24	$1.80	4 x 1½ x ½	12	4 lbs.
CPB 6	3.60	UPB 6	3.00	6 x 2 x ¾	12	10 lbs.
CPB 7	4.20	UPB 7	3.60	7 x 2 x 1	12	15 lbs.
CPB 8	4.80	UPB 8	4.20	8 x 2 x 1	12	17 lbs.

FASTCUT

A soft, fine, natural grit for use with either oil or water.

NO.	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
FDB 26	6 x 2 x ½	12	5½ lbs.	$3.00
FDB 8	8 x 2 x ¾	12	9 lbs.	4.20

HINDOSTAN

Used generally on butcher knives in packing houses.

NO.	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
DB 58	8 x 2 x ¾-1½	12	17 lbs.	$4.20

SANDSTONE

Used on knives or tools requiring a rough, coarse edge.

NO.	SIZE IN INCHES	KIND	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
BS 48	8 x 1¾ Sq.	Large	12	24 lbs.	$ 3.00
BS 910	10 x 2¾ Sq.	Small Table	12	80 lbs.	10.20

MULTI-OILSTONES

MADE IN TWO MODELS

No. IM-313 Three-Stone — No. IM-211 Two-Stone

A complete sharpening service of outstanding merit for meat markets, hotels, restaurants, carpenter shops, cutlery factories, pattern and cabinet making shops.

Features

Genuine Norton Alundum and Crystolon stones, prefilled with oil. Extra large size 11½" x 2½" permits a full sweeping stroke. Stones are reversible, thus providing use of both sides. Always in a bath of oil which prevents glazing and promotes fast, smooth sharpening. Stone in use is elevated to prevent cuts and grazed knuckles. They are self-leveling. Simply lift, turn and reset. Case finely finished with extra heavy non-skid base, insuring rigidity.

Arkansas or Washita oilstones for producing finer degrees of honed edges available on special orders. Prices quoted on request.

Specifications

NUMBER	STD. PKG.	WEIGHT	LIST EACH
IM 313	1	32 lbs.	$16.00
IM 211	1	23 lbs.	12.00

IM 313 Complete with 3 stones, Fine, Medium and Coarse and can of oil.
IM 211 Complete with 2 stones, Fine and Coarse and can of oil.

Replacement Stones

NUMBER	SIZE IN INCHES	GRIT	STD. PKG.	WEIGHT EACH	LIST EACH
IM 9	11½ x 2½ x ½	Fine	1	1½ lbs.	$2.10
JM 6	11½ x 2½ x ½	Medium	1	1½ lbs.	2.10
JM 3	11½ x 2½ x ½	Coarse	1	1½ lbs.	2.10

MULTI-OILSTONE OIL

(U. S. P. Specifications)

Free flowing but with plenty of body to float particles of steel removed from the edge in honing, thus preventing glazing.

NUMBER	SIZE	STD. PKG.	WEIGHT	LIST EACH
XB 12	1 qt. can	1	2½ lbs.	$1.00

CRYSTOLON GIANT COMBINATION

An excellent stone for the home craftsman and for use in departments of vocational education. Extra length and width permits full, free strokes. Also an attractive stone for merchants maintaining a sharpening service or to put keen edges on knives and tools as they are sold over the counter. One side is for fast cutting, the other for a finished edge. Mounted in a die cast box with felt pad and non-slip base. Stone size 11½ x 2½ x 1".

NUMBER		STD. PKG.	WEIGHT	LIST EACH
JUM 22	with Box	1	5 lbs.	$6.00
JUM 3	Stone only	1	3 lbs.	3.00
Also available in Crystolon-India Combination as follows:				
JIM 11	with Box	1	5 lbs.	6.00
JIM 2	Stone only	1	3 lbs.	3.00

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KNIFE SHARPENERS

CRYSTOLON

Here's a sharpener that every housewife can use and every housewife will want. All she does is apply the sharpener to the bevel of the blade and by little filing motions proceed along its length. No fear of scratching even the highest polish of stainless steel.

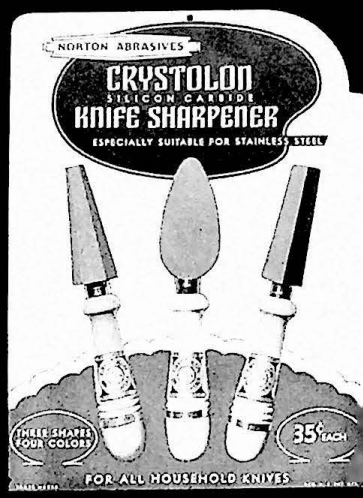
The carefully selected and prepared fine grit of silicon carbide electric furnace mineral makes perfect edges out of dull ones.

Three choices in shape: Hexagonal, Arrowhead and Triangular—and four choices in pastel-colored handles to match her other kitchen equipment: blue, green, yellow and white!

Although designed especially for stainless steel, it is equally effective for any household cutlery.

Each sharpener has its own individual carton. A standard package consists of twelve sharpeners, three of which (one of each shape) are mounted on a very handsome counter or wall card.

NUMBER	SHAPE	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
273-H 273-A 273-T	Hexagonal Arrowhead Triangular	Overall 7½ inches	12 Assorted Shapes and Colors	3¼ lbs.	$4.20



KANTBREAK

Makes quick work of knife sharpening. A few strokes produce a keen cutting edge on carving, butcher and kitchen knives. Reinforced by steel rod and protected by rubber mountings.

In individual cartons, twelve in a strong shipping container. One of each dozen mounted on an attractive counter display.

NUMBER	LENGTH	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
KPT 2	15" Overall	12	8 lbs.	$6.00

QUICKCUT

A serviceable sharpener for kitchen and carving knives. It produces a sharp, clean cutting edge. Strengthened by a steel rod which extends its full length.

NUMBER	LENGTH	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
KPT 4	12¾" Overall	12	4 lbs.	$2.40

INDIA BREAKER POINT STONE

Keeps breaker points clean and bright. A few strokes restore the points to original condition. Will smooth platinum, tungsten or iridium points quickly. Both points cleaned at once, the parallel surfaces of the stone insuring perfect alignment.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
IC 2	3½ x ½	12	15 oz.	$3.00

POCKET STONES

Individual Cartons • Bright Counter Displays

SPORTSMAN

Nothing adds more pleasure to a hunting or fishing trip than to have camp knives, axes, hatchets, gaffs and fishhooks in first-class shape. The Sportsman Stone has a fast cutting India for quick sharpening and a fine Washita for extra keen edges. A durable leather case supplied with each stone.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
WIP 13	3 x 1 3/8 x 1/2	6	1 1/2 lbs.	$6.00

CRYSTOLON

Should be in the desk of every office worker for touching up ink scratchers, shears and small tools and in the pocket of every man or boy who owns a jackknife. Also a convenient sharpener for a variety of small tools requiring nicely finished edges. The use of oil prevents glaze and prolongs its life.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
JP 13	3 x 7/8 x 3/8	24	3 1/2 lbs.	$2.40

ARKANSAS

Used on manicure knives, surgeons' scalpels, dental instruments and dissecting knives. Also valuable for repointing sewing machine and hypodermic needles and fishhooks.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
AP 12	2 x 3/4 x 1/8-1/4	24	2 lbs.	$2.40

FASTCUT

Has a soft, fine grit. Best results are obtained with water. A useful stone for men and boys who like sharp jackknives.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
KP 13	3 1/2 x 7/8 x 1/4	24	3 lbs.	$1.20

LILY WHITE

Made from the best grade of Washita, this stone produces a smooth, keen edge on small knives and tools. A favorite for fishhooks.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
LP 13	3 1/2 x 7/8 x 1/4	24	2 1/2 lbs.	$1.80

QUICKCUT

This rapid-cutting fabricated stone brings pocket knives and small tools to a medium fine edge quickly. Not in individual cartons.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
UPP 12	3 1/2 x 3/4 x 1/4	24	2 lbs.	$1.20

CRYSTOLON SPECIALTIES

UTILITY FILE

For farmers, blacksmiths, machinists and home gardeners. It is vitrified, made of Norton Crystolon (Silicon Carbide) and cuts as fast and clean as a metal file and will outwear it many times. Mower section knives are sharpened without removing from the machine. Almost indispensable for sharpening spades, post hole diggers, shovels and hoes. Packed in attractive individual boxes, four to a container, with one mounted on a handsome display card. Three containers, packed in a strong fibre shipping case, constitute a standard package of one dozen.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
JD 2	14 Overall	12	19 lbs.	$12.00

GENERAL PURPOSE

Produces quickly excellent cutting edges on household knives and tools and garden implements like trowels and sickles. Packed in individual cartons, one of each dozen on display card.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
JT 911	9½ x 1⅜ x ½	12	5 lbs.	$3.60

MACHINE KNIFE STONE

For honing or oilstoning planer knives, and paper and cloth cutting knives without taking from the machines. Also used for removing burr and setting edges after grinding. Protecting groove extends entirely around the stone. A combination of two grits, Coarse and Fine.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
JB 74	4 Diam. x 1½ Thick	1	1¼ lbs.	$2.00

BLACKSMITH STONE

Superior to a steel file for sharpening butteris and farrier knives. Its unique shape makes it useful for many tools. Gives exceptional service in stoning gears.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
JT 16	6 x 1⅜ x ⅜	12	2½ lbs.	$5.40

BREAD KNIFE STONE

The right shape and grit to produce an edge that will cut smooth, even slices without tearing or crumbling.

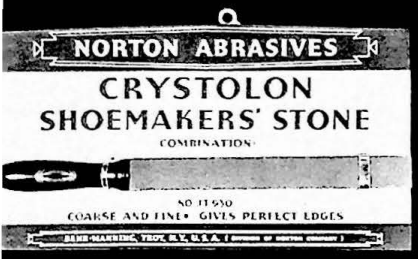
NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
JT 26	6 x ½ x ¼	12	¾ lb.	$6.00

DRESSER STICK

For truing or dressing the surfaces and edges of grinding wheels and for restoring or changing the shape of grinding wheel faces, especially the saw gumming type.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
JT 246	6 x ½ Round	12	1½ lbs.	$0.55

SHOEMAKERS' STONES



NO. JT930 COMBINATION

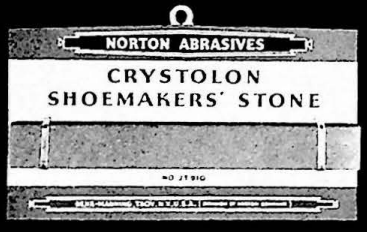
Crystolon abrasive, coarse and fine, vitrified. The coarse side brings a dull trimming knife to an edge quickly while the fine side produces a perfect edge for cutting leather or rubber. Each stone packed in attractive folding box. One of each dozen mounted on display card.

NUMBER	OVERALL	STONE SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST DOZ.
JT 930	14¾"	10 x 1¼ x ¾"	12	10 lbs.	$12.00

NO. JT920 SINGLE GRIT

Crystolon, single grit stone, vitrified, for sharpening trimming knives where a medium fine edge is desired. Packed in individual cartons. One stone of each dozen is mounted on a display card.

NUMBER	OVERALL	STONE SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST DOZ.
JT 920	14¾"	10 x 1¼ x ¾"	12	10 lbs.	$6.00



NO. JT910 WITHOUT HANDLE

Same as No. JT920 above but without handle. One dozen in a carton, one of which is mounted on display card.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZ.
JT 910	10 x 1¼ x ¾	12	8 lbs.	$5.40

NO. JT6 HANDY SHARPENER

A special fine grit which is valuable for any sharpening operation where knives require an edge just short of an oilstoned finish. Gives splendid service on electric cloth cutting machine knives and other industrial tools. Packed in individual cartons, one stone mounted on display card.

NUMBER	OVERALL	STONE SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST DOZ.
JT 6	10½"	6 x ¾ x ¾"	12	5 lbs.	$6.00

PIKE OIL

Although clear and thin, this oil has sufficient body to float the minute particles of steel removed from the edge of a tool while honing or sharpening, thus preventing glazing. Far superior to heavy oils or grease which fill the pores of the stone and take away its free cutting properties.

NUMBER	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
XB 1	3 oz. Can	12	5 lbs.	$0.25
XB 2	1 qt. Can	1	2½ lbs.	1.00
XB 3	½ gal. Can	1	9 lbs.	1.75
XB 4	1 gal. Can	1	13 lbs.	3.00

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GRINDING WHEELS

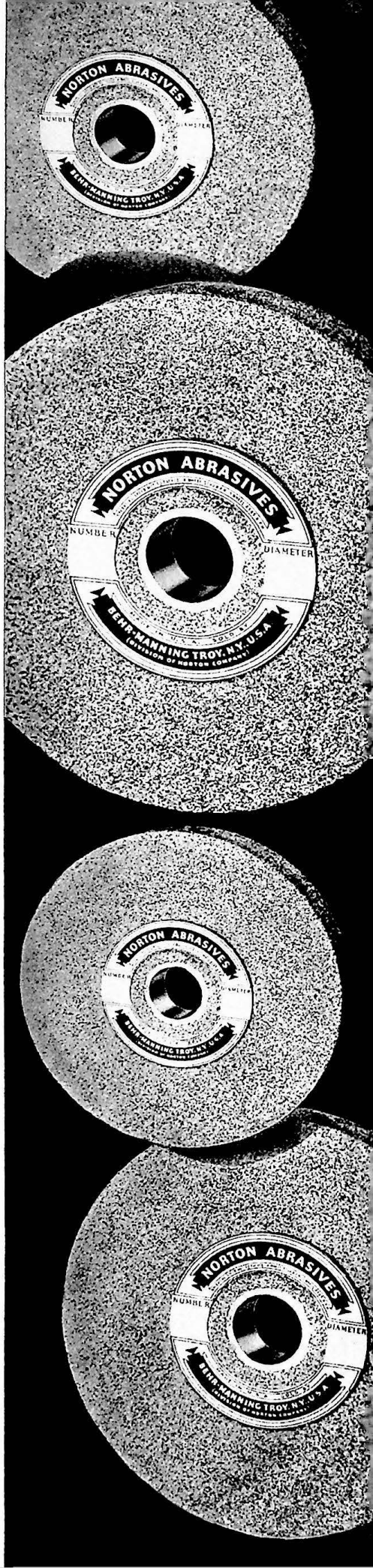
In Individual Cartons

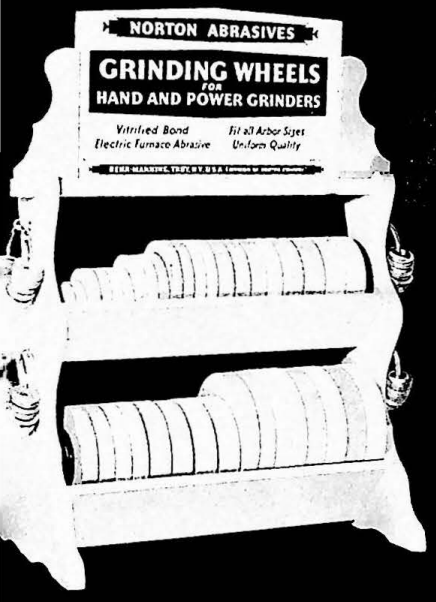
Made of Norton Alundum Abrasive (Aluminum Oxide), these wheels are uniform in quality, long wearing and true running. They cut cool, fast and free and are unaffected by oil or water. Standard one-inch holes are lead-bushed and all wheels over four inches in diameter are blottered. Wheels not specified below can be supplied as needed.

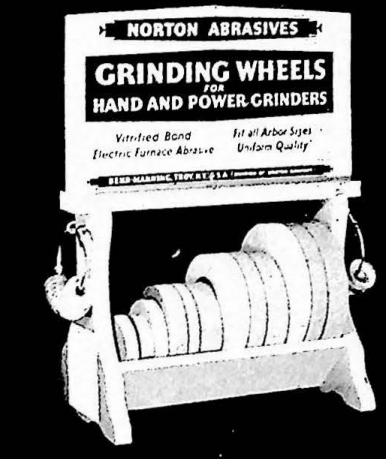
PATENTED STEEL BUSHINGS

Wheels are instantly converted to ¼, $\frac{5}{16}$, ⅜, ½, ⅝, ¾ or ⅞" arbors by inserting correct size steel bushing (furnished free). Bushings have a "tight press" fit and remain firmly in place after being seated easily in the arbor hole with the fingers.

NUMBER	SIZE IN INCHES	GRAIN AND GRADE	LIST EACH
A-37-C	2 x ¼	150P Fine	$0.60
A-33-C		100P Medium	0.60
A-36-C		60P Coarse	0.60
A-22-C	2 x ½	100N Fine	0.70
A-35-V		80P Medium	0.70
A-38-C		60P Coarse	0.70
A-41-C	2½ x ¼	100P Fine	0.75
A-40-C		80P Medium	0.75
A-39-C		60P Coarse	0.75
A-77	3 x ¼	120N Fine	0.90
A-80		80N Medium	0.90
A-76		60N Coarse	0.90
A-67-C	3 x ½	120P Fine	1.05
A-52		60P Medium	1.05
A-51		46P Coarse	1.05
A-187	4 x ¼	120N Fine	1.55
A-186		80N Medium	1.55
A-101-C		60N Coarse	1.55
A-188	4 x ⅜	120N Fine	1.65
A-139		100N Medium	1.65
A-184		60N Coarse	1.65
A-190	4 x ½	120P Fine	1.75
A-189		80P Medium	1.75
A-103		46P Coarse	1.75
A-152-M	4 x ¾	100M Fine	2.05
A-135		60P Medium	2.05
A-113		46P Coarse	2.05
A-192	4 x 1	100M Fine	2.35
A-191		60P Medium	2.35
A-152-V		46P Coarse	2.35
A-254	5 x ¾	80O Fine	2.90
A-212		60P Medium	2.90
A-203		46P Coarse	2.90
A-233-P	5 x 1	80M Fine	3.30
A-217		60O Medium	3.30
A-218		46P Coarse	3.30
A-325-C	6 x ¼	100M Fine	2.50
A-319-M		60M Medium	2.50
A-303-C		46M Coarse	2.50
A-332	6 x ½	100M Fine	3.00
A-345		60M Medium	3.00
A-376		46M Coarse	3.00
A-329-M	6 x ¾	100M Fine	3.50
A-308		60P Medium	3.50
A-307		46P Coarse	3.50
A-326-C	6 x 1	100M Fine	4.00
A-318		60P Medium	4.00
A-313-M		46M Coarse	4.00
A-405-M	7 x ¾	80M Fine	4.30
A-405		60P Medium	4.30
A-404		46P Coarse	4.30
A-412	7 x 1	60P Fine	$4.90
A-409		46P Medium	4.90
A-410		30Q Coarse	4.90
A-592	8 x ½	80P Fine	4.30
A-502		60P Medium	4.30
A-501		46P Coarse	4.30
A-593	8 x ¾	80P Fine	5.15
A-506		60P Medium	5.15
A-504		30Q Coarse	5.15
A-514	8 x 1	60P Fine	6.00
A-506-P		46P Medium	6.00
A-512		36Q Coarse	6.00
A-526-M	8 x 1¼	60M Fine	7.00
A-519-M		46M Medium	7.00
A-520-M		30P Coarse	7.00
A-502-P	8 x 1½	60M Fine	8.00
A-511-M		46M Medium	8.00
A-568		30P Coarse	8.00
A-671	10 x ½	60P Fine	6.05
A-670		46P Medium	6.05
A-683		36P Coarse	6.05
A-674	10 x ¾	60P Fine	7.25
A-673		46P Medium	7.25
A-672		30Q Coarse	7.25
A-604	10 x 1	60P Fine	8.45
A-603		46P Medium	8.45
A-602		30Q Coarse	8.45
A-607	10 x 1¼	60P Fine	10.05
A-606		46P Medium	10.05
A-605		24Q Coarse	10.05
A-613	10 x 1½	60P Fine	11.65
A-607-M		46P Medium	11.65
A-611		24Q Coarse	11.65
A-670-M	10 x 2	60N Fine	14.80
A-677		46O Medium	14.80
A-646		24P Coarse	14.80
A-734	12 x ¾	60N Fine	9.80
A-726		46O Medium	9.80
A-725		30Q Coarse	9.80
A-702	12 x 1	60P Fine	11.50
A-701		36P Medium	11.50
A-700		24Q Coarse	11.50
A-736	12 x 1¼	60N Fine	13.75
A-727		46O Medium	13.75
A-735		24P Coarse	13.75
A-737	12 x 1½	60N Fine	15.95
A-720-M		36P Medium	15.95
A-710-M		24P Coarse	15.95
A-706	12 x 2	60P Fine	20.45
A-711		36P Medium	20.45
A-704		24Q Coarse	20.45







WHEEL ASSORTMENTS

Careful records show just what wheel outlets are available to the average dealer and what sizes and grits have the most general demand. On this basis two assortments have been created, one for larger stores and the other for small stores or where space is at a premium. Display Racks with bright signs; Individual Cartons for replacement wheels and Steel Bushings are supplied free to help create a profitable business with minimum investment.

"G" WHEEL ASSORTMENT

38 Grinding Wheels, 76 sets of Steel Bushings, 1 Display Rack and 1 Grinding Wheel Hand Book. Rack measures 19½" wide, 23½" high, 11½" deep. Weight, complete with wheels, 67½ lbs. All wheels have standard one-inch lead-bushed holes.

NUMBER	QUAN.	SIZE IN INCHES	GRAIN AND GRADE	LIST EACH
GR 400	1	2½ x ½	60N Coarse	$0.85
GR 401	2	2½ x ½	100N Medium	0.85
GR 402	2	3 x ½	60N Coarse	1.05
GR 403	2	3 x ½	100N Medium	1.05
GR 404	1	3½ x ½	60N Coarse	1.60
GR 405	2	3½ x ½	100N Medium	1.60
GR 406	2	4 x ½	46N Coarse	1.75
GR 407	2	4 x ½	80N Medium	1.75
GR 408	2	4 x ¾	46N Coarse	2.05
GR 409	2	4 x ¾	80N Medium	2.05
GR 410	2	4 x 1	46N Coarse	2.35
GR 411	2	4 x 1	80N Medium	2.35
GR 412	2	5 x ¾	46N Coarse	2.90
GR 413	2	5 x ¾	80N Medium	2.90
GR 414	2	5 x 1	46N Coarse	3.30
GR 415	2	5 x 1	80N Medium	3.30
GR 416	2	6 x ¾	46N Coarse	3.50
GR 417	2	6 x ¾	80N Medium	3.50
GR 418	2	6 x 1	46N Coarse	4.00
GR 419	2	6 x 1	80N Medium	4.00

Steel Bushings Included:

6 Sets of No. XE 1 for ¼" arbor
6 Sets of No. XE 2 for 5/16" arbor
20 Sets of No. XE 3 for ⅜" arbor
20 Sets of No. XE 4 for ½" arbor
12 Sets of No. XE 5 for ⅝" arbor
6 Sets of No. XE 6 for ¾" arbor
6 Sets of No. XE 7 for ⅞" arbor

List Price, Complete $90.95
Extra Steel Bushings, list per set of two 0.20

"GB" WHEEL ASSORTMENT

12 Grinding Wheels, 24 sets of Steel Bushings, 1 Display Rack and 1 Grinding Wheel Hand Book. Rack measures 14" wide, 10¼" high and 7½" deep. Weight, complete with wheels, 22 lbs. All wheels have standard one-inch lead-bushed holes.

NUMBER	QUAN.	SIZE IN INCHES	GRAIN AND GRADE	LIST EACH
GR 402	1	3 x ½	60N Coarse	$1.05
GR 403	1	3 x ½	100N Medium	1.05
GR 405	1	3½ x ½	100N Medium	1.60
GR 406	1	4 x ½	46N Coarse	1.75
GR 408	1	4 x ¾	46N Coarse	2.05
GR 410	1	4 x 1	46N Coarse	2.35
GR 412	1	5 x ¾	46N Coarse	2.90
GR 414	1	5 x 1	46N Coarse	3.30
GR 415	1	5 x 1	80N Medium	3.30
GR 416	1	6 x ¾	46N Coarse	3.50
GR 417	1	6 x ¾	80N Medium	3.50
GR 418	1	6 x 1	46N Coarse	4.00

Steel Bushings Included:

2 Sets of No. XE 1 for ¼" arbor
2 Sets of No. XE 2 for 5/16" arbor
6 Sets of No. XE 3 for ⅜" arbor
6 Sets of No. XE 4 for ½" arbor
4 Sets of No. XE 5 for ⅝" arbor
2 Sets of No. XE 6 for ¾" arbor
2 Sets of No. XE 7 for ⅞" arbor

List Price, Complete $30.35
Extra Steel Bushings, per set of two 0.20

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SAW GUMMING WHEELS

These wheels cut fast and cool, producing sharp, smooth teeth.

Wheel Shapes

Round Face is standard. If Bevel Face is wanted, specify on order.

Grain and Grade

Supplied in 46-M which is recommended for saw gumming. Other grains and grades supplied on special order.

Arbor Size

Unless otherwise specified, wheels are supplied with 1″ arbor hole.

NUMBER	SIZE IN INCHES	LIST EACH	NUMBER	SIZE IN INCHES	LIST EACH
GR 62	6 x 1/4	$2.85	GR 104	10 x 1/2	$6.60
GR 63	6 x 3/8	3.10	GR 105	10 x 5/8	7.20
GR 64	6 x 1/2	3.35	GR 106	10 x 3/4	7.80
GR 82	8 x 1/4	3.90	GR 122	12 x 1/4	6.95
GR 83	8 x 3/8	4.35	GR 123	12 x 3/8	7.85
GR 84	8 x 1/2	4.75	GR 124	12 x 1/2	8.75
GR 102	10 x 1/4	5.30	GR 125	12 x 5/8	9.60
GR 103	10 x 3/8	5.95	GR 126	12 x 3/4	10.45

RUBBING BRICKS

(Crystolon—Silicon Carbide)

Plain — Used for dressing grinding wheels, cleaning and scouring castings and other machine shop work.

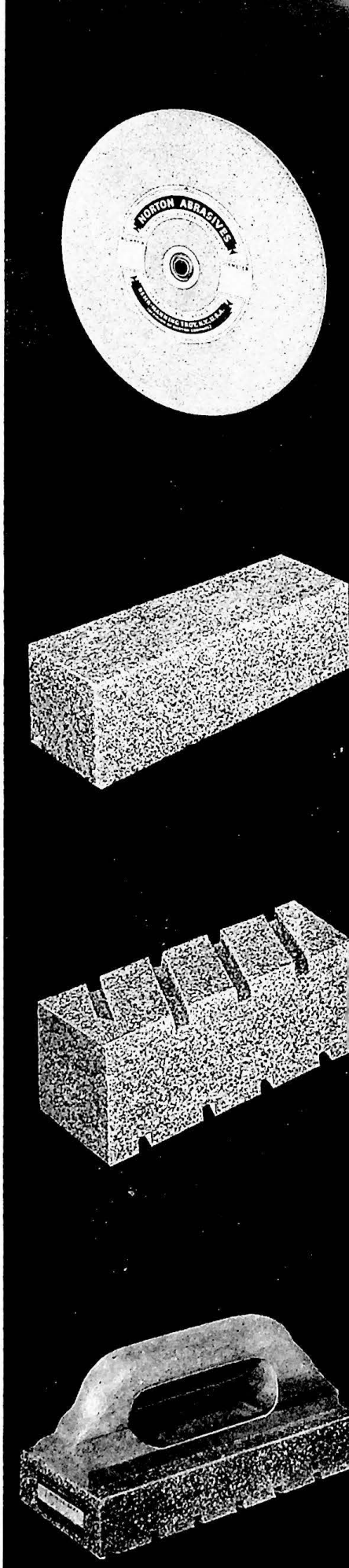
Fluted — Used by concrete workers in removing mould marks and for other rubbing down work. Diagonal flutes give a shearing, fast cutting action and serve to carry away the material removed. Bricks listed below made in Grain 3720 and Grades R or S. Other grains and grades supplied on special order.

PLAIN BRICKS				FLUTED BRICKS			
NUMBER	SIZE IN INCHES	WEIGHT EACH	LIST EACH	NUMBER	SIZE IN INCHES	WEIGHT EACH	LIST EACH
BP 14	4 x 2 x 1	1/2 lb.	$0.55				
BP 24	4 x 2 x 2	1 1/4 lbs.	0.85	BF 24	4 x 2 x 2	1 1/4 lbs.	$0.85
BP 34	4 x 3 x 2	1 3/4 lbs.	1.10				
BP 6	6 x 2 x 1/2	1/2 lb.	0.65				
BP 16	6 x 2 x 1	1 lb.	0.70				
BP 26	6 x 2 x 2	1 7/8 lbs.	1.10	BF 26	6 x 2 x 2	1 3/4 lbs.	1.10
BP 36	6 x 3 x 2	3 lbs.	1.50				
BP 46	6 x 3 x 3	4 lbs.	2.15				
BP 18	8 x 2 x 1	1 1/4 lbs.	0.85				
BP 28	8 x 2 x 2	2 1/2 lbs.	1.40	BF 28	8 x 2 x 2	2 1/4 lbs.	1.40
BP 38	8 x 3 x 2	3 1/2 lbs.	1.90				
BP 48	8 x 3 x 3	5 1/2 lbs.	2.80	BF 48	8 x 3 x 3	5 1/4 lbs.	2.80
BP 58	8 x 4 x 2	4 3/4 lbs.	2.50				
BP 78	8 x 4 x 4	8 3/4 lbs.	4.90				

RUBBING BRICK WITH HANDLE

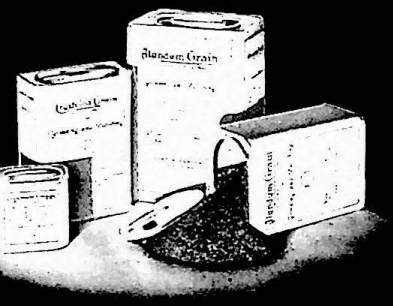
This special rubbing brick for concrete workers has a convenient, securely fastened handle, a feature which reduces labor and increases production. Brick is the fluted type.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT	LIST EACH
235	8 x 3 1/2 x 1 1/2	1	3 5/8 lbs.	$2.35



ABRASIVE GRAINS

These Norton electric furnace abrasives when mixed with oil, vaseline or water are ideal for grinding valves, sharpening lawn mowers and other lapping and grinding work. When coated on polishing wheels they will far out-cut and out-last emery. The homecraftsman will find them suitable for polishing metal parts prior to plating. Also useful in Repair Shops, Automotive Service Stations and Garages.



ALUNDUM GRAIN
(Aluminum Oxide)

Standard Screened Sizes — 4, 6, 8, 10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220, 240.

Unclassified Flours — F, 2F, 3F, 4F, XF.

Classified Flours — 280, 320, 400, 500, 600.

QUANTITY	SIZES 4-240 INCLUSIVE	SIZES F, 2F, 3F, 4F, XF	SIZES 280, 320, 400, 500	SIZE 600
1 lb. Cans, Per Can	$0.40	$0.45	$0.50	$0.80
5 lb. Cans, Per Can	1.25	1.50	2.00	3.25
10 lb. Cans, Per Can	1.80	2.00	3.10	4.80

CRYSTOLON GRAIN
(Silicon Carbide)

Standard Screened Sizes — 8, 10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220, 240.

Unclassified Flours — F, 2F, 3F, 4F, XF.

Classified Flours — 280, 320, 400, 500, 600.

QUANTITY	SIZES 8-240 INCLUSIVE	SIZES F, 2F, 3F, 4F, XF	SIZES 280, 320, 400, 500	SIZE 600
1 lb. Cans, Per Can	$0.50	$0.50	$0.60	$0.90
5 lb. Cans, Per Can	1.75	1.75	2.50	4.00
10 lb. Cans, Per Can	2.50	2.50	3.50	5.50

LAPOWDERS

Crushed natural oilstone rock for use where high polish or finish without scratching is required. Can be used without danger of charging or loading the work. Used by watch factories, gear manufacturers and in the making of automobile parts.

Supplied in two qualities: Silkite for lapping softer metals like gold, silver, brass, copper and bronze; and Velvite for harder metals like nickel and high carbon steel.

SILKITE				VELVITE		
NUMBERS	SIZE	LIST PER LB.	STD. PKG.	NUMBERS	SIZE	LIST PER LB.
XS 10	0	$0.35	10 lb. cans	XV 20	00	$0.35
XS 1	1	0.30	10 lb. cans	XV 10	0	0.30
			10 lb. cans	XV 1	1	0.25

Also shipped in bulk in 50 lb. quantities and over.

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SCYTHESTONES

CRYSTOLON

Made from Norton's fast cutting electric furnace abrasive Crystolon. Carefully graded and bonded and vitrified in immense kilns. Rapid cutting stones, producing a sharp edge with little effort. Time-saving sharpeners for scythes and other farm and garden tools and knives. Three shapes and weights.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TJ 2	10 x 1 x 5/8	6 dozen	34 lbs.	$3.00
TJ 3	10 x 1 1/4 x 3/4	6 dozen	52 lbs.	3.60
TJ 4	12 x 1 1/4 x 3/4	6 dozen	56 lbs.	4.20

ALUNDUM

Made from the same electric furnace material that has made India Oilstones world-famous — Norton Alundum abrasive. Fast cutting and extra long wearing. Give excellent satisfaction on all kinds of scythes, especially the heaviest types. Produce good edges on farm tools and kitchen cutlery. Choice of two shapes and weights.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TD 1	10 x 1 5/8 x 3/4	6 dozen	58 lbs.	$3.00
TD 2	10 x 1 5/8 x 1/2	6 dozen	42 lbs.	2.40

BLACK DIAMOND

A favorite of skilled mowers where an extremely keen edge is desired for cutting fine, tough grass. Give a great edge for late season mowing. Also splendid for butchers' knives as well as kitchen and carving knives. Flat octagon in shape.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TL 4	About 10 x 1 1/4 x 1/2	6 dozen	59 lbs.	$3.00

INDIAN POND

This is the original "Red End" scythestone known and sold all over the world. Made from the same New Hampshire grit that has been popular among mowers everywhere since 1823. Flat-oval in shape, they give beautiful edges with remarkable freedom from glazing. Also efficient for kitchen cutlery.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TL 2	About 10 x 1 1/4 x 1/2	6 dozen	60 lbs.	$2.40

All scythestones on this page are packed in modern, trade-compelling counter displays containing one dozen stones.

SCYTHESTONES

GRANGER

Formed under hydraulic presses from selected abrasives and baked in electric ovens. Steel rod adds strength.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TS 4	10 x 1 1/4 x 3/4	6 dozen	42 lbs.	$1.20

WESTERN RED END

A natural stone made from "grindstone" grit. Popular where grass grows rankly with coarse, heavy stalks. Have flat surfaces with square edges.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TN 13	About 10 x 1 1/4 x 3/4	6 dozen	64 lbs.	$1.80

GREEN MOUNTAIN

Flat with slightly beveled edges, these stones have sharp grit and give a fine edge. Useful sharpeners for household knives.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TL 10	About 10 x 1 1/4 x 1/2	6 dozen	64 lbs.	$1.80

QUICKCUT

Moulded stones made from electric furnace abrasive. Strengthened by steel rod in center. Also good all around sharpeners for home and garden knives and tools.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TS 2	10 x 1 1/4 x 3/4	6 dozen	47 lbs.	$1.80

CRESCENT

Oval stones made from "grindstone" grit. Give rather coarse, sharp edges suitable for mowing rank, heavy grass.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TN 12	About 10 x 1 1/4 x 3/4	6 dozen	59 lbs.	$2.40

WHITE MOUNTAIN

Made from the old original White Mountain grit, favored the world over. Also produce very keen edges on many kinds of knives.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TL 3	About 10 x 1 1/4 x 5/8	6 dozen	60 lbs.	$2.40

All above stones packed one dozen in plain cartons.

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SCYTHESTONES

SIR PIKE ENGLISH ROUND

Heavy natural stones made from coarse sandstone. Used by English gardeners and farmers who prefer extra heavy stones.

NUMBER	SIZE IN INCHES ABOUT	STD. PKG. WOOD BOX	WEIGHT STD. PKG.	LIST PER 100
TN 14	12 x 1 5/8	25 only	50 lbs.	$35.00
TN 15	9 1/2 x 1 5/8	25 only	40 lbs.	30.00

ARROW DARBY

Natural stones made in heavy weight from coarse sandstone grit, which gives a rough fast-cutting edge.

NUMBER	SIZE IN INCHES ABOUT	STD. PKG. WOOD BOX	WEIGHT STD. PKG.	LIST PER 100
TN 16	9 1/2 x 1 5/8 x 1 1/4	25 only	45 lbs.	$25.00

SCYTHE RIFLES

Made from a good selection of abrasive grain securely affixed to kiln-dried wood handles. One dozen in plain carton.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST DOZEN
TS 3	12 3/4 x 1 1/4 x 5/8	6 dozen	30 lbs.	$3.00

ASSORTMENT NO. 497-A*

Contains 33 best-selling stones in three different types—electric furnace, natural and fabricated. The price range from 10¢ to 30¢ opens the market to every user. Included also are two of the popular Crystolon Utility Files, the farmer's favorite for mower knives, hoes, spades, etc.

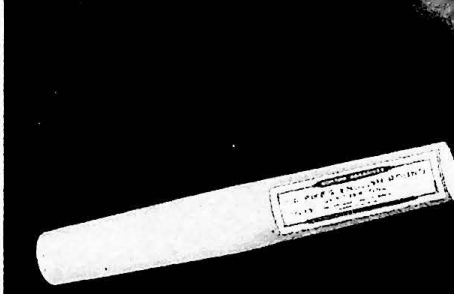
The complete sales unit occupies minimum space on the counter. It is novel in construction; rich in appearance, strong in consumer appeal and easy to set up. Stones for the display and those for stock are separately wrapped to make assembling a quick and simple job. Retail prices are printed clearly on each display.

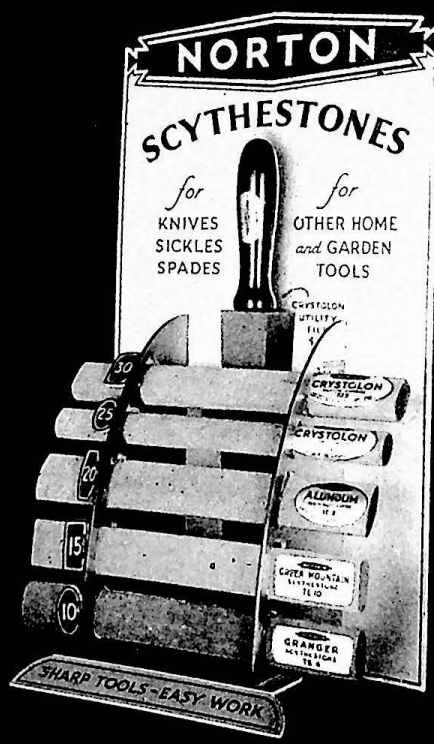
CONTENTS

QUANTITY	NUMBER	BRAND	LIST EACH	TOTAL LIST
10	TS 4	Granger	$0.10	$1.00
6	TL 10	Green Mountain	.15	.90
5	TD 2	Alundum	.20	1.00
5	TJ 2	Crystolon	.25	1.25
5	TJ 3	Crystolon	.30	1.50
2	JD 2	Utility File	1.00	2.00
33				$7.65

Complete in strong fibre container, weight 24 lbs.

** The display rack shown and the contents of this assortment are subject to revision without notice as improvements in display or other features may be developed.*





AXE STONES

CRYSTOLON ROUND

(Combination)

A vitrified stone popular among lumbermen and wood choppers. Coarse grit on one side for fast cutting and fine on the other side for a keen finished edge. Each stone in a folding box with six packed in attractive counter display.

NUMBER	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
JT 3	3" Diam. x 5/8" Thick	6	2 1/2 lbs.	$0.60

CRYSTOLON RECTANGULAR

Single grit only. Made in two convenient sizes packed in individual cartons and counter displays.

NUMBER	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
JT 12	2 1/2 x 1 1/2 x 1/2"	6	1 lb.	$0.35
JT 13	3 x 1 1/2 x 1/2"	6	1 1/4 lbs.	0.45

QUEER CREEK ROUND

A natural stone which gives a keen, long lasting edge. Best results are obtained when used with water. Experienced wood choppers use this convenient circular stone. It can also be used with oil for carpenters' tools. Each stone in folding carton.

NUMBER	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
KT 33	3" Diam. x 5/8" Thick	12	4 3/8 lbs.	$0.25

QUEER CREEK RECTANGULAR

The low price and exceptional quality of this natural stone make it an outstanding number.

NUMBER	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
KT 13	3 x 2 x 5/8"	24	7 lbs.	$0.10

HINDOSTAN SPECIAL

You will always find a Hindostan Axe Stone in the professional wood chopper's kit. Gives a beautiful edge when used with water.

NUMBER	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
DT 12	2 1/2 x 1 1/2 x 1/2"	24	4 lbs.	$0.10

FASTCUT

A superior selection of Hindostan Stone in handy rectangular shape. Has excellent cutting grit giving a fine, sharp edge.

NUMBER	SIZE	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
FDT 13	3 x 2 x 5/8"	24	7 lbs.	$0.15

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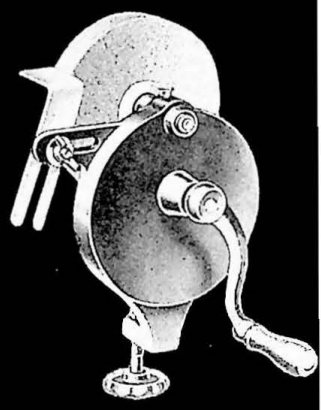
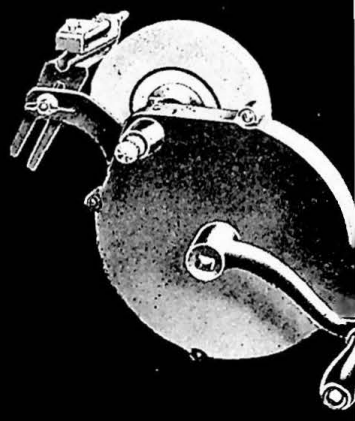
TOOL GRINDERS



HANDY ANDY

Efficient machines especially adapted for light grinding around the shop, home or garage. Sturdily built and smooth running. Norton vitrified wheels, fast and cool cutting, are supplied. Equipped with standard tool rest, extra strong crank arm and positive acting clamp screw. Made in four sizes as follows:

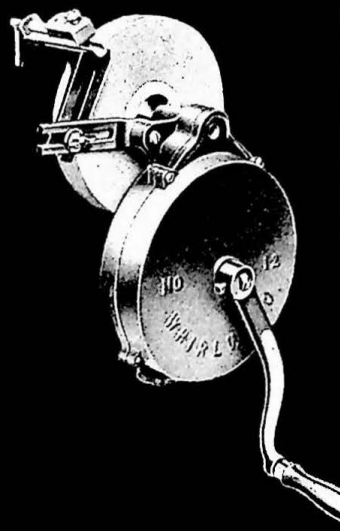
NUMBER	WHEEL SIZE IN INCHES	STD. PKG.	WEIGHT	LIST EACH
RD 1	4 x 1	1	5¾ lbs.	$3.25
RD 2	5 x 1	1	6½ lbs.	3.75
RD 3	6 x 1	1	12½ lbs.	5.50
RD 4	7 x 1	1	13 lbs.	6.00



PEERLESS

Most efficient and durable, combining high speed and great power in just the right proportion to give best results. Equipped with patented tool rest and bevel guide, extra strong one-piece crank handle and Norton vitrified grinding wheel.

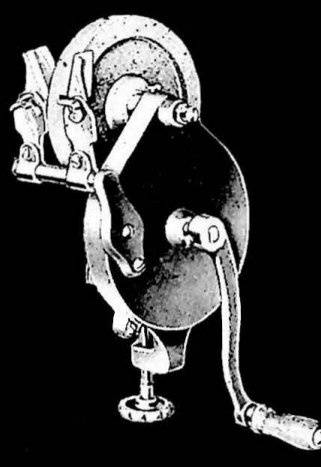
NUMBER	WHEEL SIZE IN INCHES	STD. PKG.	WEIGHT	LIST EACH
RH 9	6 x 1¼	1	26 lbs.	$12.00
		Extra Wheel		
AGR 9	6 x 1¼	1	3¼ lbs.	4.60



WHIRLWIND

Great speed and power make this grinder suitable for the heavy, hard, accurate and quick grinding necessary on railway construction jobs, quarrying, mining, contracting and building and similar work. Compound gear construction develops a periphery speed of 5000 feet per minute.

NUMBER	WHEEL SIZE IN INCHES	STD. PKG.	WEIGHT	LIST EACH
RH 12	8 x 1¼	1	33½ lbs.	$18.00
		Extra Wheel		
AGR 12	8 x 1¼	1	5½ lbs.	7.00



BEVELRITE

Grinding is performed on the Bevelrite principle — an arrangement of patented bevel guides in conjunction with a beveled grinding wheel — which produces correct bevels on the edges of knives and shears. Especially suitable for use in meat markets, hotels and restaurants. Carpenters and cabinet makers will also appreciate the unvarying angles that can be secured. Does excellent work on heavy shears and tin snips. A small extra guide is supplied for household scissors.

NUMBER	WHEEL SIZE IN INCHES	STD. PKG.	WEIGHT	LIST EACH
RH 21	*6 x 1	1	12 lbs.	$10.00
		Extra Wheel		
AGR 21	*6 x 1	1	2 lbs.	5.55

** Double Beveled and Recessed.*

RAZOR HONES

SAFETY RAZOR

For a good shaving edge place blade on V-Shaped groove and give several rotating strokes — turn blade over and repeat.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
VS 1	2½ x 1¾	6	1¼ lbs.	$0.25

GRANITE

Superior to many competing hones selling at a higher price.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
VR 14	5¼ x 2 x ½	6	2½ lbs.	$0.25

KOENIG

This hone has a soft, velvety grit and produces a beautiful edge.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
VR 3	5¼ x 2 x ½	6	3 lbs.	$0.35

TROJAN

Possesses all the good qualities of the old-time Swaty. Improves with age and use. Can be used dry or with oil or lather.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
VR 16	5¼ x 2 x ½	6	3 lbs.	$0.40

COMBINATION

Two hones in one. Dark surface is rapid cutting for dull razors. Fine surface gives keen, smooth edge.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
VR 9	5¼ x 2 x ½	6	3 lbs.	$0.50

EZY EDGE

One of the first fabricated hones made in America, it has been popular both with professional and private users for many years.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
VR 2	5¼ x 2 x ½	6	3 lbs.	$0.50

NORTON

An excellent hone for barbers. Black surface produces a keen edge. Red surface is for very dull razors.

NUMBER	SIZE IN INCHES	STD. PKG.	WEIGHT STD. PKG.	LIST EACH
VR 18	5 x 2 x ⅝	6	4 lbs.	$3.00

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BEHR-MANNING PRODUCTS

FLINT PAPER

MOHAWK: Sheets 8¾″ x 10½″; Grits 3/0 to 3
TROY: Sheets 9″ x 11″; Grits 4/0 to 3

Both brands have highest grade American flint grain on strong, pliable backing; both furnished in wired bales and Neatpak Boxes —the original sliding tray displays.

Regular carton contains ten boxes of a single grit. Assorted carton contains eight boxes—one each of Grits 2/0 to 3, inclusive.

	NEATPAK BOXES LIST PRICES PER BOX			WIRED BALES LIST PRICES PER REAM		
GRIT NUMBERS	MOHAWK	TROY	SHEETS PER BOX	MOHAWK	TROY	REAMS PER BUNDLE
*4/0 to 0	$1.40	$1.55	100	$6.75	$7.50	5
½	1.50	1.65	100	7.20	7.95	4
1	1.25	1.40	75	8.10	9.00	3½
1½	.95	1.10	50	9.15	10.50	3
2	1.10	1.25	50	10.35	12.15	2
2½	1.20	1.45	50	11.70	13.95	2
3	.70	.85	25	13.20	15.90	1½
Asst. Carton	9.50	10.80				
Asst. Ream				9.15	10.50	

*4/0 supplied in 9″ x 11″ size only.

In Handy Packages

For over-the-counter sales with minimum of stock and time. Each package contains 20 sheets 4⅜″ x 5¼″ in assorted grits. Twelve packages to counter carton; twelve cartons to case.

List Price, per gross..... $9.60

EMERY CLOTH

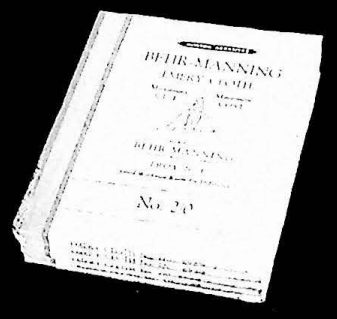
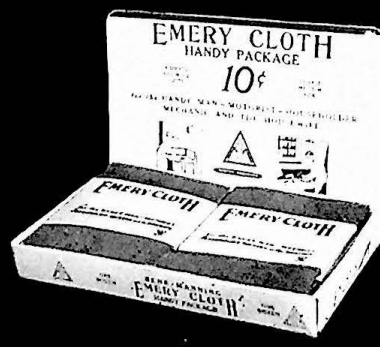
In Sheets 9″ x 11″

Fine American blue jeans coated with Turkish Emery. The standard smoothing and polishing cloth for metal work.

GRIT NUMBERS	PER REAM	LIST PRICES PER ½ REAM	PER QUIRE
3/0 to 0	$30.00	$15.00	$1.50
½	31.20	15.60	1.56
1	32.75	16.38	1.64
1½	34.30	17.15	1.72
2	36.50	18.25	1.83
2½	39.40	19.70	1.97
3	42.50	21.25	2.13
Asst. Ream	33.25		
Crocus Cloth	30.00	15.00	1.50

In Handy Packages

The right size and grits for those around-the-house jobs on anything metal. Each package contains 6 sheets 4½″ x 5½″ in assorted grits. Twelve packages to counter carton; twelve cartons to a case.

List Price, per gross..... $9.60



BEHR-MANNING PRODUCTS

LIGHTNING METALITE CLOTH

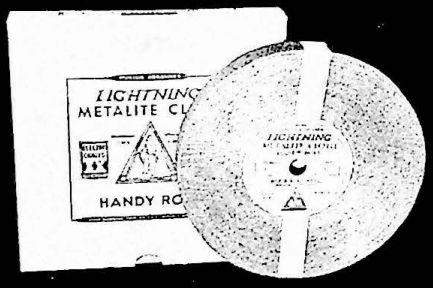
In Sheets 9″ x 11″

ELECTRO COATED: Tough, sharp grains of electric furnace abrasive set pointed ends up and evenly spaced by powerful electric force. The modern abrasive cloth for industry and experts.

LIST PRICES

GRIT NOS.	PER REAM	PER ½ REAM	PER QUIRE
320-240-180 } 150-120-100 }	$54.70	$27.35	$2.74
80	58.10	29.05	2.91
60	63.10	31.55	3.16
50	67.60	33.80	3.38
40	72.70	36.35	3.64
36	78.40	39.20	3.92

In Handy Rolls



The same superior abrasive cloth in narrow rolls with smoothly cut edges. Most convenient for home and shop; no waste.

LIST PRICES — Per Roll of 50 Yards

SIZE	GRIT NUMBERS 320 to 100	80	60	50	40	36	30	24
½″	$1.75	$1.85	$1.95	$2.05	$2.15	$2.25	$2.35	$2.45
¾″	2.35	2.45	2.60	2.70	2.85	3.05	3.20	3.40
1″	2.90	3.00	3.25	3.40	3.60	3.85	4.05	4.30
1½″	4.05	4.20	4.50	4.80	5.10	5.45	5.75	6.10
2″	5.15	5.40	5.80	6.15	6.55	7.00	7.45	7.95

GARNET PAPERS

Finishing Paper 8/o to o. Cabinet Paper 4/o to 2

For Homecraftsmen who know the superiority of Garnet over Flint. Finishing Paper has superfine grits on the lightest, most pliable paper; the Cabinet Paper is on heavier backing.

LIST PRICES — Sheets 9″ x 11″

GRIT NOS.	PER REAM	PER ½ REAM	PER QUIRE
8/0 to 2/0	$22.50	$11.25	$1.13
0	25.00	12.50	1.25
½	29.00	14.50	1.45
1	33.00	16.50	1.65
1½	37.50	18.75	1.88
2	42.00	21.00	2.10

SPEED-WET WATERPROOF PAPER

Coated with silicon carbide, the world's fastest cutting abrasive, Speed-wet is for water sanding enamels, varnishes, etc.

LIST PRICES — Sheets 9″ x 11″

GRIT NOS.	WEIGHT OF BACKING	PER REAM	PER ½ REAM	PER QUIRE
600-500-400	A	$30.00	$15.00	$1.50
360-320-280 } 240-220 }	A or C	30.00	15.00	1.50
180	C	30.00	15.00	1.50
150	C	32.00	16.00	1.60
120	D	34.00	17.00	1.70
100	D	39.50	19.75	1.98
80	D	45.00	22.50	2.25
60	D	52.50	26.25	2.63

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